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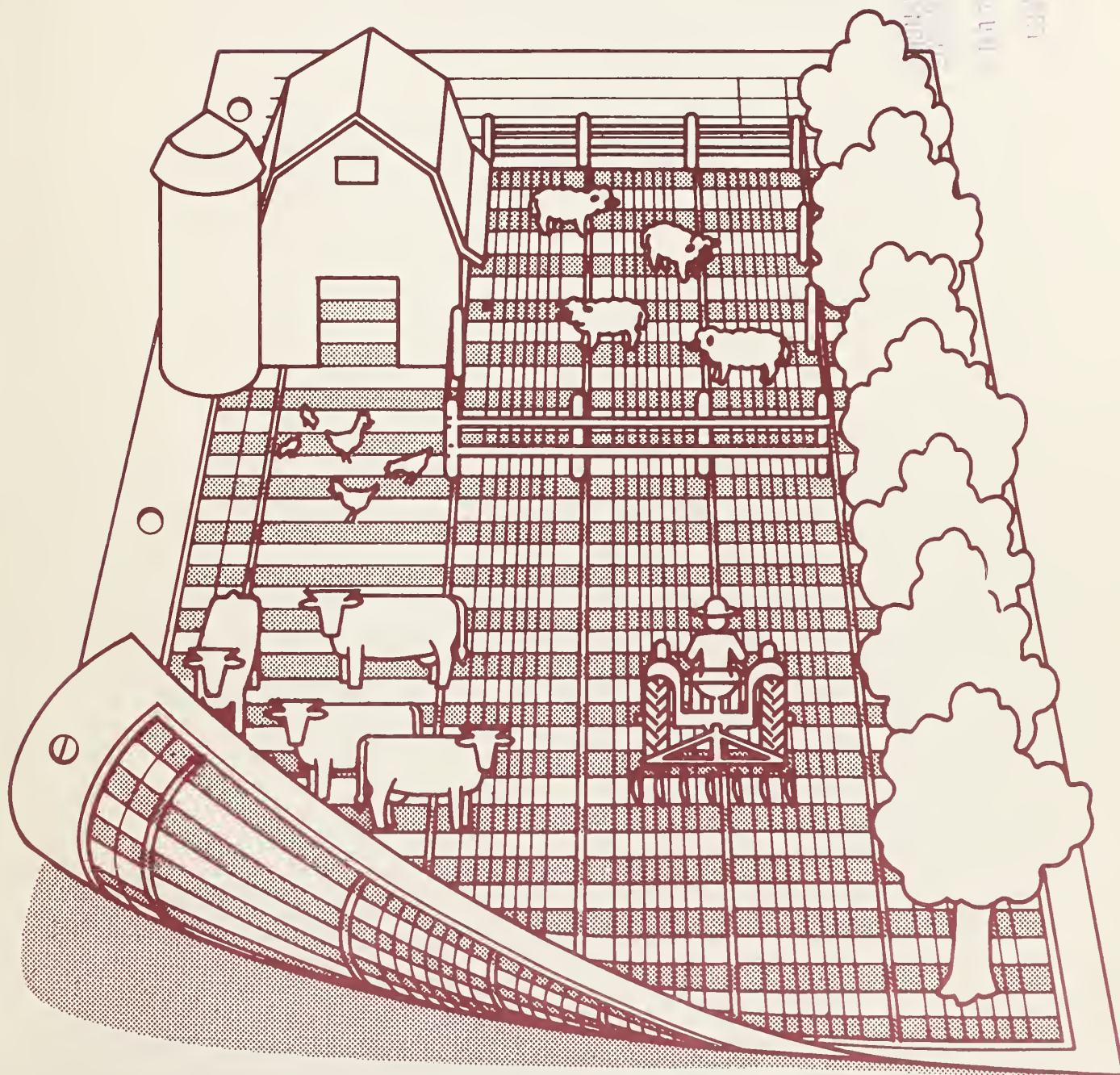
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# Economic Indicators of the Farm Sector

## National Financial Summary, 1990



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## **Abstract**

Net farm income rose 1.5 percent in 1990 to \$50.8 billion, while net cash income increased 4.0 percent to \$61.8 billion. Both income concepts reflect cash income minus expenses. But, unlike net cash income, net farm income takes into account noncash items, such as the value of change in inventories. Farmers expanded inventories by more than \$3 billion for the second consecutive year after drawing down inventories for 3 consecutive years when they sold crop inventories at high market prices to raise net cash income. Direct Government payments fell 14.6 percent to continue a downward trend since the 1987 peak of \$16.7 billion, when it was 80 percent above the 1990 level. Production expenses rose 2.9 percent. Equity in farm assets rose again in 1990, as farm debt declined for the sixth consecutive year and the value of farm assets rose for the fourth consecutive year.

**Keywords:** Net farm income, returns to operators, cash income from farming, production expenses, cash receipts, Government payments, farm assets, debt, and equity.

## Highlights

Net farm income rose 1.5 percent in 1990 to \$50.8 billion, while net cash income increased 4.0 percent to \$61.8 billion. Both income concepts reflect cash income minus expenses. But, unlike net cash income, net farm income includes additional noncash items, such as the value of change in inventories. Farmers expanded inventories by more than \$3 billion for the second consecutive year (after drawing down inventories for 3 consecutive years), when they sold crop inventories to raise net cash income. Direct Government payments fell 14.6 percent to continue a downward trend from the 1987 peak of \$16.7 billion, when it was 80 percent above the 1990 level. Production expenses rose 2.9 percent. Equity in farm assets rose again in 1990, as farm debt declined for the sixth consecutive year and the value of farm assets rose for the fourth consecutive year.

Farmers continued to receive record high levels of net cash income. It rose \$2.4 billion in 1990, reflecting the large harvest for most crops and favorable prices for most crops and livestock. Gross cash income rose 3.4 percent to more than offset the 3.1-percent jump in cash expenses. Cash expenses increased across the board, led by large percentage increases in fuel, livestock purchases, hired labor, property taxes, and net rent to nonoperator landlords. Intermediate product expenses, which include such major expense categories as fuels, pesticides, and seed, were generally up, but feed and fertilizer expenditures were down slightly.

U.S. agriculture in 1990 was in its fifth year of recovery from the farm recession experienced in the early 1980's. In the mid-1980's, farmers restructured their operations to control costs, and commodity prices rose. Both forces helped alleviate the price-cost squeeze on farm income. Since 1986, cash expenses increased slightly more than the prices-paid index for farm inputs. The higher outlays reflect guarded optimism among producers, who increased production to take advantage of the more favorable earnings opportunities.

The record high net farm incomes for 1989 and 1990 resulted from three factors: (1) efforts by farmers to increase production, (2) excellent crop yields due to favorable weather, and (3) higher prices received for most major commodities. Farmers used a portion of the increased crop production to replenish inventories sold in prior years to take advantage of higher prices and maintain cash income.

Total farm production expenses rose 2.9 percent in 1990, led by substantial boosts in pesticides (up 5.3 percent), livestock and poultry purchased (12 percent), labor (13.0 percent), and property taxes (9.7 percent). Prices paid for inputs were generally up, but farmers purchased larger quantities to boost production in response to higher commodity prices that existed early in the year when they were in the planning phases of their operations.

Total farm assets (excluding operator households) rose nearly 2 percent to \$835 billion. Farm real estate values climbed 1.5 percent, continuing the increase started in 1987. The net worth of farm-asset owners rose for the fourth year in a row to \$698 billion. Farm debt (excluding operator households) declined to \$136 billion.

## Preface

This report is one of five in the *Economic Indicators of the Farm Sector* series. Other segments are: *State Financial Summary*, *Production and Efficiency Statistics*, *Costs of Production--Major Field Crops*, and *Costs of Production--Livestock and Dairy*.

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# Contents

Page

Introduction .....	1
Concepts and Data Sources of Income Accounts .....	1
Net Farm Income .....	1
Returns to Operators .....	3
Net Cash Income and Net Cash-Flow .....	4
Net Business Income .....	4
Off-Farm Income .....	5
Sales Class Distributions .....	5
Other Data Assessments .....	5
Overview of the 1990 Agricultural Sector .....	5
Income Accounts .....	6
Net Farm Income .....	6
Returns to Operators .....	6
Net Cash Income and Net Cash-Flow .....	6
Net Business Income .....	6
Off-Farm Income of Principal Farm Operators .....	6
Balance Sheet Accounts .....	7
Assets, Debt, and Equity .....	7
Debt-to-Asset Ratio .....	7
Rates of Return .....	7
Improvements and Changes to the Accounts .....	7
Farm Production Expenses .....	7
Off-Farm Income .....	9
Statistical Tables .....	
Farm Income Statistics .....	10
Farm Balance Sheet Statistics .....	60



## List of Tables

Table	Page
<b>Statistical Tables: Farm Income Statistics</b>	
1. Farm income indicators, 1987-90 .....	10
2. Summary of the farm sector's financial status, 1945-90 .....	11
3. Summary of the farm sector's financial status (in 1982 dollars), 1945-90 .	12
4. Net farm income, 1945-90 .....	13
5. Farm production transactions, 1945-90 .....	14
6. Net cash income and net cash-flow from farming, 1945-90 .....	16
7. Additional income measures, 1945-90 .....	17
8. Gross cash income from farm sources, by major component, 1945-90 ...	18
9. Gross noncash income from farm sources, 1945-90 .....	19
10. Cash production expenses, 1945-90 .....	20
11. Noncash production expenses, 1945-90 .....	21
12. Financial indicators of the farm sector, 1945-90 .....	22
13. Leading commodities for cash receipts, 1990 .....	24
14. Cash receipts from farm marketings, selected commodities, 1985-90 ....	25
15. Cash receipts from farm marketings of livestock and products, 1945-90 .	27
16. Cash receipts from farm marketings of crops, 1945-90 .....	28
17. Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1987 .....	29
18. Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1988 .....	29
19. Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1989 .....	30
20. Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1990 .....	30
21. Commodity Credit Corporation loan placements, by commodity and month, 1986-90 .....	31
22. Commodity Credit Corporation loan redemptions, by commodity and month, 1986-90 .....	32
23. Commodity Credit Corporation loans liquidated, by commodity and month, 1986-90 .....	33
24. Commodity Credit Corporation loan transactions, by commodity, 1983-90 .....	34
25. Direct Government payments, by program, 1945-90 .....	35
26. Farm production expenses, 1945-90 .....	36
27. Repair and maintenance of farm capital items, 1945-90 .....	41
28. Farm gross capital expenditures, 1945-90 .....	42
29. Farm depreciation, 1945-90 .....	43
30. Number of farms, and net cash income, by value of sales class, 1990 ...	44
31. Number of farms, and net cash income, by value of sales class, 1989 ...	45
32. Number of farms, and net cash income, by value of sales class, 1988 ...	46
33. Number of farms, and net cash income, by value of sales class, 1987 ...	47
34. Number of farms, and net cash income, by value of sales class, 1986 ...	48
35. Number of farms, and net cash income, by value of sales class, 1985 ...	49
36. Number of farms, and net cash income, by value of sales class, 1984 ...	50
37. Number of farms, and net cash income, by value of sales class, 1983 ...	51

38. Number of farms, and net cash income, by value of sales class, 1982 . . .	52
39. Number of farms, by value of sales class, 1970-90 . . . . .	53
40. Net cash income, by value of sales class, 1978-90 . . . . .	54
41. Gross cash income, by value of sales class, 1978-90 . . . . .	55
42. Direct Government payments, by value of sales class, 1970-90 . . . . .	56
43. Cash expenses, by value of sales class, 1978-90 . . . . .	57
44. Off-farm cash income of the principal farm operator and family, by value of sales class, 1980-90 . . . . .	58

### **Statistical Tables: Farm Balance Sheet Statistics**

45. Farm sector balance sheet components (excluding operator households), December 31, 1945-90 . . . . .	60
46. Farm sector balance sheet components (including operator households), December 31, 1945-90 . . . . .	62
47. Land in farms and farm real estate value, December 31, 1945-90 . . . . .	64
48. Livestock and poultry on farms: Number, value per head, and total value, December 31, 1945-90 . . . . .	65
49. Value of motor vehicles and other machines on farms, December 31, 1945-90 . . . . .	67
50. Value of crop inventories, December 31, 1960-90 . . . . .	68
51. Purchased inputs, household equipment and furnishings, and financial assets, December 31, 1945-90 . . . . .	69
52. Total farm debt, December 31, 1945-90 . . . . .	70
53. Total farm debt by lender (excluding operator households), December 31, 1945-90 . . . . .	71
54. Real estate farm debt (excluding operator households), December 31, 1945-90 . . . . .	72
55. Nonreal estate farm debt (excluding operator households), December 31, 1945-90 . . . . .	73
56. Total farm debt by lender (including operator households), December 31, 1945-90 . . . . .	74
57. Real estate farm debt (including operator households), December 31, 1945-90 . . . . .	75
58. Nonreal estate farm debt (including operator households), December 31, 1945-90 . . . . .	76
59. Nominal capital gains on farm assets (excluding operator households), 1970-90 . . . . .	77
60. Real capital gains on farm assets (excluding operator households), 1970-90 . . . . .	78
61. Returns to farm assets and equity (excluding operator households), 1970-90 . . . . .	79
62. Returns from current income and real capital gains, and value of farm assets and equity (excluding operator households), 1970-90 . . . . .	80
63. Rates of return on farm assets and equity (excluding operator households), 1970-90 . . . . .	81
64. Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1987 . . . . .	82
65. Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1988 . . . . .	83

66. Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1989 .....	84
67. Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1990 .....	85
68. Farm sector balance sheet (including operator households), by value of sales class, December 31, 1987 .....	86
69. Farm sector balance sheet (including operator households), by value of sales class, December 31, 1988 .....	87
70. Farm sector balance sheet (including operator households), by value of sales class, December 31, 1989 .....	88
71. Farm sector balance sheet (including operator households), by value of sales class, December 31, 1990 .....	89





# Economic Indicators of the Farm Sector

## National Financial Summary, 1990

### Introduction

Most farm income and balance sheet statistics in this publication are for 1945-90, and are derived from five measures of farm income and two of the farm sector balance sheets. Capital gains and return on assets and on equity are also included in the publication. The cash income from farming and the balance sheet accounts are presented by the value of gross sales classes to allow readers to evaluate the economic conditions for different size farms. Dependence on any one measure would give a misleading picture of the financial conditions of the farm sector. Because there are differing concepts and definitions of income and equity, readers are urged to choose carefully the most appropriate measures of farm income for their purposes. For help in choosing the appropriate income measure, refer to illustration 1 and the following text. The reader may wish to read the handbooks on farm income and the balance sheet for more information on these accounts.<sup>1</sup>

The U.S. Department of Agriculture (USDA) defines a farm as any establishment that sells or normally would sell at least \$1,000 of agricultural products in a calendar year. The *Census of Agriculture* adopted this farm definition in 1974, and USDA began using this definition in the 1975 income series. The principal operator of a farm is the individual making the largest number of day-to-day management decisions of planting, purchasing, harvesting, and marketing. When partners share equally in the decisionmaking, the oldest partner is considered the principal operator. The operator category includes owner-operators, partners, tenants, paid and unpaid managers associated with corporate or institutional farms, and contractees that raise crops or livestock for a fee.

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<sup>1</sup> The handbooks are *Major Statistical Series of the U.S. Department of Agriculture--Farm Income*, AH-671, Vol. 3, U.S. Dept. Agr., Econ. Res. Serv., Nov. 1988, and *Major Statistical Series of the U.S. Department of Agriculture--The Balance Sheet*, AH-671, Vol. 11, U.S. Dept. Agr., Econ. Res. Serv., May 1989.

The net income accounts, returns to operators, net farm income, net cash income, and net business income, do not represent income to a single owner/manager per farm. Rather, the net income represents the income earned by the farm operation and accrues to a group of individuals who share in the risks associated with production. These individuals are the owner-operators, partners, tenant-operators, shareholders in farming corporations, and contractors. Hired managers, although operators of farms, do not share in the net income proceeds because their salaries are treated as an expense in the hired labor account.

### Concepts and Data Sources of Income Accounts

The organization and presentation of income and expenses of the farming sector is determined by the concept being measured. This publication presents statistical series for five major income concepts (see illustration 1): (1) net farm income, (2) returns to operators, (3) net cash income, (4) net cash-flow, and (5) net business income. All of these income series are based on calendar years rather than crop or fiscal years.

#### Net Farm Income

The oldest and most widely recognized series, net farm income, is an approximate measure of the net value of production during a calendar year. Net farm income includes all income and expenses, both cash and noncash, associated with the farm business and dwellings located on farms. Net farm income measures the economic profit from current-year production of commodities, whether or not sold from the producing establishment, and the net income generated by onfarm dwellings.

Gross farm income includes cash receipts from the sales of commodities, all other farm cash income (direct Government payments and other farm-related income earned from farm assets), noncash income (the value of home consumption and an imputed rental value for operator, hired laborer, and other farm dwellings), and the value of the change in inventory during the calendar

Illustration 1--U.S. Department of Agriculture farm income series

Net farm income 1/	Net cash income 2/	Net business income 2/	Net cash-flow 2/	Production transactions 2/
:	:	:	:	:
:	:	:	:	:
:	:	:	:	:
Sum of:	Sum of:	Sum of:	Sum of:	Gross income:
Gross cash income	Gross cash income	Gross cash income	Gross cash income	Gross cash income
Cash receipts				
Direct Government payments				
Farm-related income				
Noncash income 1/				Noncash income 2/
Home consumption			Change in loans outstanding 3/	Home consumption
Gross imputed rental value of all farm dwellings			Net rent to nonoperator landlords	Gross imputed rental value of hired laborer dwellings
Value of change in inventory			Change in other financial assets 3/	Value of change in inventory
Less:	Less:	Less:	Less:	Dispositions:
Cash expenses 1/	Cash expenses 2/	Cash expenses 2/	Cash expenses 2/	Nonfactor payments 2/
Intermediate products				Intermediate products
Taxes				Taxes
Interest				Capital consumption
Cash expenses for hired labor				Depreciation
Contract labor				Accidental damage
Net rent to non-operator landlords				Factor payments to nonoperators 2/
				Interest
				Cash expenses for hired labor
				Contract labor
				Perquisites to hired labor
				Net rent to nonoperator landlords
				Returns to operators
Capital consumption 1/	Capital consumption 2/	Capital consumption 2/	Capital expenditures 2/	
Depreciation	Depreciation	Depreciation		
Accidental damage	Accidental damage	Accidental damage		
Perquisites to hired labor				

1/ Includes income or expenses for farm operator dwellings. 2/ Excludes income or expenses for farm operator dwellings. 3/ Excludes operator households.



year. Cash receipts from sales of agricultural commodities are the major component of gross income. In calculating cash receipts, we treat placements of commodities under Commodity Credit Corporation (CCC) loans as sales at the time the commodity is placed under loan because the producer can decide not to reclaim the commodity and keep the loan proceeds. If the producer decides to repurchase the commodity for later resale, the payment to CCC is deducted from the commodity's value in an open market sale, and the difference is included in cash receipts in the year of redemption.

We adjust gross income to reflect changes in inventories to account for production that occurred during the year but remained unsold and unused at the end of the year and to offset sales from inventories carried over from the previous year. Conceptually, the inventory adjustment represents the difference between additions to inventories from current-year production that remain unsold and unused as of December 31 and sales from production in the prior year that reduce inventories between January 1 and harvest. Depending on which is larger, the net effect can be positive or negative. Positive changes infer net additions to beginning-year inventory, and negative changes infer net drawdowns of beginning-year inventory. In most years, the inventory account principally reflects the year-to-year differences between the frequently volatile supply of crops and the more stable demand for crops. Livestock inventories are comparatively stable within multi-year cyclical trends.

We calculate the value of the change in inventory by determining the quantity change between January 1 and December 31 and valuing it at the calendar-year weighted market price. Due to a lack of reliable information regarding farmer-owned stocks stored both on farms and off, the quantity change in inventory, particularly for crops, is computed as total production less quantities sold and used on the farm where produced. We deduct the value of commodities such as feed and seed used or consumed on the farm where produced to avoid double-counting. The value of commodities used on the farm where produced is eventually reflected in gross income in home consumption or cash receipts.

The value of the change in inventory quantities differs from the change in the value of inventory. The change in the value of inventory equals the difference between the value of inventory at the beginning and at the end of the year, and is affected by changes in both quantities and prices. The concept used in the USDA income accounts eliminates the effects of changes in the value of inventory produced in previous years and a price appropriate to an assumed disposition of the inventory.

In addition to cash expenses, we include estimates of the value of in-kind perquisites to hired labor and capital consumption (depreciation and accidental damage). The depreciation provisions measure the replacement costs of assets used during a year, based on normal rates of wear and obsolescence.

USDA's net farm income measure is the basis for the U.S. Department of Commerce's measure of net farm income to proprietors and corporations, which is a component of the National Income and Product Account (NIPA). The Department of Commerce computes its own capital consumption figures based on different procedures and service lives rather than using USDA's figures. However, both capital consumption estimates reflect the replacement value of capital items.

The Department of Commerce has decided not to incorporate a change in the treatment of wages paid to operators that USDA is implementing this year. USDA will exclude wages paid to operators on self-proprietorships, partnerships, and family corporations from hired labor expenses. (See "Improvements and Changes to the Accounts," page 7.) The Department of Commerce will continue to include all reported wages paid to operators in its farm labor expenses. The Department of Commerce also subtracts Federal fines and salaries of corporate officers and adds monetary interest received by farm corporations to the USDA net farm income estimate.

## Returns to Operators

Returns to operators is the residual income generated by farm businesses after all nonfactor payments and factor payments to nonoperators are made. Factor payments are the returns earned by the factors of production, such as capital, labor, and management. Owners of the factors of production receive returns earned by the factors. Factor payments are divided between farm operators and nonoperators. Factor payments to nonoperators are expenditures made by farm operators for their use of the nonoperators' capital, labor, and management.

Returns to operators, within the farm production transactions account, is similar to net farm income, with only one difference. Net farm income measures the net income generated from the farm business and the operator's onfarm dwelling, while returns to operators measures the net income generated by the farm business. The difference between the net farm income and the returns-to-operators figures is the amount of net income attributed to the farm operator's dwelling.

Both the gross income and expenses for these accounts differ only by the income or expense for the farm

Illustration 2--Difference between net farm income and returns to operators, 1990

Item	Net farm income (A)	Returns to operators (B)	Operator dwelling income (A minus B)
Million dollars			
Gross income	195,123	189,894	5,229
Gross cash income	185,978	185,978	NA
Cash receipts	169,987	169,987	NA
Government payments	9,298	9,298	NA
Farm-related income	6,693	6,693	NA
Noncash income	6,256	1,028	5,229
Home consumption	693	693	NA
Rental value of dwellings	5,563	334	5,229
Operator and other	5,229	NA	5,229
Hired labor	334	334	NA
Change in inventory	2,889	2,889	NA
Expenses	144,291	140,451	3,840
Cash expenses	126,232	124,159	2,072
Intermediate product	85,931	85,141	791
Farm origin	39,046	39,046	NA
Manufactured inputs	20,759	20,759	NA
Other	26,126	25,336	791
Repair and maintenance	7,283	6,702	581
Other miscellaneous	18,843	18,633	210
Taxes	5,623	4,978	645
Interest	14,472	13,835	637
Real estate	7,667	7,030	637
Nonreal estate	6,805	6,805	NA
Contract and hired labor	12,028	12,028	NA
Net rent to nonoperating landlords	8,177	8,177	NA
Noncash expenses	18,059	16,292	1,767
Depreciation	17,022	15,433	1,589
Accidental damage	523	345	178
Perquisites to hired labor	514	514	NA
Net income	50,832	49,804	1,389

NA = not applicable.

operator and other farm dwellings, although the expenses for the farm production transaction accounts are listed in a different sequence to show returns to nonoperators. Thus, returns to operators is equivalent to net farm income, excluding operator dwelling components (see illustration 2).

### Net Cash Income and Net Cash-Flow

Net cash income and net cash-flow from farming exclude all noncash income, inventory adjustments, noncash expenses (capital consumption and perquisites to hired labor), and the income and expenses associated

with operators' dwellings. Net cash income measures cash earnings that farmers receive in a calendar year from their farm businesses. Farmers use their net cash income from farming to purchase farm capital items, reduce farm debt, and meet family obligations. Farm operators have some choice over their level of net cash income from farming since they can choose whether to sell or store commodities and can defer or incur some farm expenses.

The net cash-flow account expands on the net cash income concept to account for internal and external sources and uses of funds by adding changes in the level of farm debt and farm operators' other financial assets to gross cash income and adding capital purchases to cash expenses. Because analysts in the Economic Research Service (ERS) do not have measures of farm debt that distinguish farm operators from nonoperator landlords, the net rent to nonoperator landlords is added to represent net cash income for both nonoperator landlords and farm operators. The resulting net cash-flow is unique among the farm income accounts because it measures net income to nonfarm landlords and farm operators from farm businesses rather than net income to farm operators. Net cash-flow is an indicator of the financial position of farm businesses and their ability to meet current obligations.

### Net Business Income

The net business income account provides a measure of income that is conceptually similar to the net income from farming reported to the Internal Revenue Service (IRS). IRS allows farmers to treat capital consumption (depreciation and accidental damage) as an expense item. The ERS net business income account is likewise computed by subtracting the sum of cash expenses and capital consumption from gross cash income or, alternatively, net cash income less capital consumption. It should be noted that taxable farm income reported on Schedule F to the IRS does not agree with ERS's measure of the farm sector's net business income because of several conceptual differences. One major difference is the treatment of depreciation. IRS allows farmers many choices regarding the parameters of the depreciation schedules, and farmers employ many variations for tax purposes. In contrast, the ERS depreciation account represents economic depreciation, which is defined as the decline in the present value of future earning capacity during the calendar year. Because economic depreciation is measured at replacement cost rather than original purchase price, the ERS depreciation estimates also indicate the amount that must be spent on capital items so that the end-of-year stock can provide the same services as the beginning-of-year stock.



## Off-Farm Income

Off-farm income is measured only for principal farm operators and their family members and includes only cash income. Off-farm income is the sum of cash income from nonfarm wages and salaries, nonfarm businesses and professional income, interest and dividends, retirement and disability income, royalties, wages and salaries earned on other farms, and other cash income.

## Sales Class Distributions

Financial conditions vary greatly by the size of the farm. A customary way to measure farm size is according to the value of agricultural sales. This publication contains net cash income and its components by seven sales class categories (see table 30). Considerable care must be exercised in interpreting the averages computed on a per-farm or per-operation basis by sales class. Per-farm sales class statistics should not be interpreted as being per-farmer statistics, which would be lower if the number of operators in each class could be determined and used as the divisor. Farms may have more than one operator and a farm operator may be involved in more than one farm. In the larger sales classes, a higher proportion of agricultural operations involves multiple operators who share in the risk of farming. These operators conduct business under various legal arrangements, including corporations, partnerships, multifamily farms, and other multiple-interest operations. Under some operating arrangements, defining who the "operator" is may be difficult and of questionable benefit. For example, a feedlot operator may provide custom feeding services to a livestock investor. The investor/owner of these animals bears the production risks, while the (more traditionally defined) onsite operator controls the production facilities and provides a service under contract for a predetermined, risk-free fee.

## Other Data Assessments

Data for the five income accounts are based on many sources that change over time based on improvements of methodologies and more available data. Some general comments can be made regarding sources of the current data base. Cash receipt data, by commodity, State, and month, are based on production data from USDA's National Agricultural Statistics Service (NASS). Inventory adjustment is also based on NASS data. Data on direct Government payments and CCC loans made and repaid come from USDA's Agricultural Stabilization and Conservation Service. The *1987 Census of Agriculture* (Vol. 1, Part 51, Nov. 1989), the *1987 Census of Agriculture: Agricultural Economics and*

*Land Ownership Survey, 1988* (AELOS) (Vol. 3, Part 2, July 1990), and USDA's Farm Costs and Returns Survey (FCRS) provide data used to compute the other gross income and production expense figures. Data from private industry and Government agencies are also used to estimate production expenses. The distributions of income and expense items, by value of agricultural sales classes, are based on the FCRS, and the *1987 Census of Agriculture: Government Payments and Market Value of Agricultural Products Sold* (Vol. 2, Part 5, Sept. 1990).

The *Census of Agriculture* is a reliable source of data but is available only every 5 years. Therefore, a benchmark-mover system is employed in accounts dependent on *Census of Agriculture* data. Under this system, we incorporate census data as they become available and move the census data according to the most appropriate annual data between census benchmarks. FCRS data are usually the most appropriate and, often, the only annual data available.

## Overview of the 1990 Agricultural Sector

Net farm income rose 1.5 percent and net cash income was up 4.0 percent as 1990 was generally a good year for farmers. For the second consecutive year, there was no major drought, crop production was up slightly, and prices for most commodities were at a relatively high level during the first half of the year.

Cash receipts were up about \$9.1 billion, with both crops and livestock having substantial increases. Corn accounted for most of the increase in crop receipts as farmers boosted sales after rebuilding inventories in 1989 following the drought-induced drawdown of 1988. Cattle and hogs each contributed more than \$2 billion to the rise in livestock receipts as 1990 was a year of higher prices for both. Hog prices topped \$60 per hundredweight (cwt) for part of the year. U.S. cattle prices reached levels not attained in recent years, with beef cattle prices topping \$70 per cwt for every month in 1990. Dairy receipts contributed \$800 million to the jump in cash receipts due to higher milk production.

The farm sector balance sheet continued to improve in 1990 as farm equity increased 2 percent. The value of farm assets (excluding operator household) rose for the fourth consecutive year with a nearly 2-percent increase, and outstanding debt (excluding operator household) decreased another \$1 billion. A further softening of financial stress among many farmers with debt was mirrored in improved income-to-wealth ratios and other wealth measurements that reflect financial conditions in the sector (see table 12).

## Income Accounts

Following are the highlights of the trends in the six major accounts.

### Net Farm Income

Net farm income in 1990 was \$50.8 billion, up from \$50.1 billion in 1989. Gross farm income rose 2.5 percent (\$4.8 billion), and production expenses rose 2.9 percent (\$4.1 billion). Cash receipts from farm marketings climbed \$9.1 billion, with a \$3.6-billion increase in crop receipts and a \$5.5-billion increase in livestock receipts. Crop producers maintained production at the high levels of 1989, used a portion (\$3.1 billion) to replenish inventories drawn down in the mid-1980's, and received \$1.6 billion less in direct Government payments. The quantities and prices for livestock and livestock products were mostly unchanged or higher, with hog and cattle producers enjoying market prices that were among the highest received in recent years.

### Returns to Operators

The returns-to-operators category, which differs from net farm income by excluding all income and expenses related to operator dwellings, rose 2.2 percent to \$49.4 billion in 1990. Gross receipts of farms, which differ from gross farm income by excluding the imputed rental value of operators' dwellings, climbed 2.6 percent (\$4.8 billion) to \$189.9 billion. Nonfactor payments rose 2.3 percent (\$2.4 billion), while factor payments increased 2.9 percent (\$2.4 billion).

Higher nonfactor payments resulted from increases in intermediate product expenses, particularly livestock and poultry purchased, and pesticides. Among factor payments, labor expenses accounted for most of the increase, with net rent to nonoperator landlords adding a little. Payments for interest were relatively stable. As a result, returns received by operators for their factors of production (management, labor, and equity capital) rose a respectable 2.7 percent. The modest (3.4 percent) increase in net rent received by nonoperator landlords was related to the improvement of farmland values.

### Net Cash Income and Net Cash-Flow

Net cash income achieved another record high in 1990 after setting records in each of the last 5 years. Net cash income rose 4.0 percent from the previous year to \$61.8 billion. Gross cash income was up 3.4 percent, which was a little higher than the 3.1-percent rise in cash expenses. Receipts rose as farmers, with the benefit of improved weather conditions, maintained

crop production at 1989's high level. In particular, receipts from the sale of corn, hogs, and cattle were each up by more than \$2 billion.

Net cash income represents earnings that are available for principal repayment, capital purchases, and family living expenses. When droughts do not occur in 2 consecutive years, farmers can adjust inventories to manage their cash income despite the variability in production reflected in net farm income. The farm sector's liquidity and debt-servicing ability have improved since the mid-1980's because of increased net cash income from farming and lower levels of farm debt.

Net cash-flow rose 7.3 percent in 1990 to \$56 billion, the third consecutive high for this account. The record highs are due to a combination of rising net cash income and the slowdown in the decline in farm loans since December 1987. Net cash-flow is the sum of net cash income, changes in farm loans outstanding, changes in holdings of other financial assets, and the net rent to nonoperator landlords, minus capital expenditures. The value of farm loans continued to decline through 1990, but at a slower rate than the declines from 1987-89. Continuation of this trend may lead to an increase in total farm loans in 1991 for the first time since 1984. Capital expenditures rose 5.9 percent in 1990, as farmers continued to show a cautious interest in purchasing equipment and facilities in 1990.

### Net Business Income

Net business income is a measure of farmers' earnings based on accounting methods that correspond to those used for tax purposes. Under the IRS's cash accounting method, which is used by most farmers, income equals payments received less the sum of payments made and capital consumption. Net business income has recently tracked net cash income closely, but at a lower level, reflecting the additional noncash deduction for capital consumption, which changed little until recently. Both net business income and net cash income rose by \$2.4 billion in 1990, as capital consumption remained virtually unchanged from the prior year. The rise in net business income represented a 5.5-percent increase, slightly more than the 4.0-percent increase in net cash income.

### Off-Farm Income of Principal Farm Operators

Off-farm cash income of principal farm operators and their household members in 1990 was \$67 billion. This income buffers to some extent the financial risks of farming by contributing to the improved liquidity and debt-service capability of the farm sector.



## Balance Sheet Accounts

The balance sheet accounts are used to assess wealth in the farm sector. They include assets, debt, and equity, where equity equals assets minus debt. Assets are valued at market prices on December 31 of each year, or as close to December 31 as possible. Nominal and real capital gains on farm assets and debt are estimated as well as the total rate of return on both assets and equity. The total rates of return include the rate of return from current income plus the rate of return from real capital gains. These financial measures provide useful indicators of farm sector profitability.

The balance sheet accounts contain one set of statistics that includes farm operator households' assets and debt, and another set that excludes them. Both sets include operators' and landlords' shares of the assets and debt for the farming operation. The balance sheet account excluding operator households subtracts the value of the operator dwelling, the household portion of automobiles and trucks, household equipment, financial assets, and related debt on these assets from the balance sheet account including operator households. Debt is classified as either real estate or nonreal estate, depending upon how the loan is secured. If the loan is secured by farm real estate, then it is classified as real estate farm debt, regardless of how the loan is used.

### Assets, Debt, and Equity

Farm assets (excluding operator households) as of December 31, 1990, rose 1.8 percent from a year earlier to \$835 billion. Real estate assets rose 1.5 percent, and nonreal estate assets rose 2.5 percent, primarily due to increases in the values of livestock and poultry, and machinery. Total farm debt continued its decline since 1984, from \$137 billion a year earlier to \$136 billion. Real estate debt fell to \$73 billion in 1990 from \$75 billion. Nonreal estate debt increased over \$1 billion to \$63 billion. Reflecting the increase in farm asset values and the decrease in debt, equity in farm assets (excluding operator households) rose 1.8 percent to \$698 billion.

### Debt-to-Asset Ratio

The debt-to-asset ratio provides insight into the collateral security of loans, the relative indebtedness of farm businesses, and the risk borne by lenders. The farm sector's debt-to-asset ratio (excluding operator households) declined during 1990 from 16.7 to 16.3.

### Rates of Return

The total real rate of return on assets (excluding operator households) was 2.5 percent in 1990. The rate

of return on assets from current income was 5.2 percent, and the rate of return from real capital gains was -2.6 percent.

The total real rate of return on equity in 1990 was 2.0 percent. The rate of return on equity from current income was 4.2 percent, and the rate of return from real capital gains was -2.2 percent.

## Improvements and Changes to the Accounts

Several improvements have been made to the sales class tables in direct response to suggestions from users. The release of the *1987 Census of Agriculture: Government Payments and Market Value of Agricultural Products Sold* provided additional information, making it possible to implement these changes.

For one, direct Government payments have been added to cash receipts from farm marketings to determine the establishment's size and thus the appropriate sales class for its inclusion. This addition is important for farms where resources were withheld from production in exchange for receiving payments. Classifying such farms solely on sales receipts underestimates the size of the farm and results in its assignment to a smaller sales class. It also results in changes over time in the population of farms within sales classes as farm programs change and as incentives to participate in programs vary.

Second, the sales classes have been redefined at the upper and lower ends. A new sales class consisting of farms with sales of \$1 million or more has been introduced to provide additional information about the largest producers. At the lower end, the two smaller categories now include farms with sales less than \$20,000 and those between \$20,000 and \$39,999. Sales class divisions below \$20,000 have declined in usefulness, as \$40,000 has gained acceptance as a minimal size for commercial farms and is increasingly used as a working definition for meaningful policy analysis.

Third, additional sales-class tables have been included to provide a single source for time series data on the key components and the total for net cash income.

### Farm Production Expenses

Beginning with the 1982 figures, we have excluded from hired labor expenses wages paid to farm owner/operators by their own establishments under two forms of farm organization: partnerships and family corporations. Operations may choose one of these

forms of organization and pay their operators wages for several reasons, for example, to facilitate the flow of funds, to minimize income taxes, to treat the cost of benefit programs as business expenses, or to reflect the operator's extra work or responsibility. Paying the operator wages is an alternate way of distributing profits from farming. Therefore, these wages normally represent the true income return to operators' labor, management, and equity capital. Furthermore, excluding wages paid to operators of partnerships and family corporations is consistent with the *Recommendations of the Farm Financial Standards Task Force: Financial Guidelines for Agricultural Producers* (1991), which are rapidly becoming the adopted standards for farm financial accounting.

Under self-proprietorships, a third form of organization, operators may not pay themselves wages. Instead compensation is included in the residual profit. However, operators of self-proprietorships have reported paying themselves wages on the FCRS and, therefore, have probably included them in *Census of Agriculture* responses. We have removed the amount that these operators have reported paying themselves.

Under the remaining two forms of farm organization, nonfamily corporations and farm cooperatives, the operator is usually a hired manager who has little or no ownership interest in the establishment. The level of compensation would be expected to be set by an independent board of directors to reflect prevailing labor market forces. Thus, wages paid to the operators/managers are clearly business expenses.

In U.S. agriculture, it is common to have within a single operation: (1) two or more generations of family members as owner/operators or (2) two or more siblings. The former situation is typical of the intergenerational transition phase and the second is the subsequent phase. Both situations are necessary to realize economies of scale and be cost competitive. Many of these farm operators are technically self-proprietors because they file separate tax returns. However, these farm operations act as if they were partnerships because of the close cooperation among relatives. Sometimes, they go the additional step of incorporating but continue to operate as described above.

Under most partnerships and family corporations, the wages paid to farm operators are not likely to represent the true value of their labor due to the absence of market forces, outside stockholders, and regulatory authority. A more realistic approach is to treat wages paid to these operators as returns to uncompensated labor. Obviously, all farm partnerships and family corporations are not homogeneous. On a small number

of these operations, the operators are hired managers, and their wages should be treated as labor expenses. Currently, we have insufficient data to make meaningful distinctions between these operations.

We have compiled statistics on wages paid to operators for each of the five organizational types: partnerships, family corporations, self-proprietors, nonfamily corporations, and cooperatives. Should users prefer a different definition of farm income requiring adjustments for any of these five items, we will provide the numbers upon request without charge.

Because we incorporate the value of all agricultural production in our income estimates, they include the value of commodities owned by nonoperators. The service fees that these nonoperator-owners pay to operators to produce these commodities are intrasector transfers. The service fees are an expense to the nonoperator-owner and income to the operator who receives the fee for raising the commodity. The income from service fees for 1982 and after are contained in farm-related income. To reflect the intrasectoral nature of these transactions, we have added fees received by operators to miscellaneous expenses for the same years. We have chosen to offset the fees because they are significant income sources for some farm operators and the information may be valuable to some analysts.

Most of the revisions in this publication resulted from further incorporation of 1987 *Census of Agriculture* data and the incorporation of 1988 AELOS data for the first time. Using 1987 census data, ERS analysts have added new benchmarks for 1987 and interpolated the benchmark ratios for 1983-86 between the 1982 and 1987 census benchmarks. State distributions of census-benchmarked expenses are normally used without adjustment until new census data are released. When analysts obtain new census data, they substitute the new census distribution for the census year and after and interpolate State/U.S. ratios between the census years.

The AELOS provides the first census information on landlord income and expenses since the 1978 *Census of Agriculture: 1979 Farm Finance Survey* (FFS) (Vol. 5, Part 6, July 1982). These surveys are the only sources for national landlord interest and capital consumption figures and for most of the State distributions of landlord expenses. Analysts have incorporated AELOS and FFS data employing the benchmark/mover procedure used with 1987 *Census* data. The updating process caused substantial revisions in the figures for net rent to nonoperator landlords.

Analysts have also revised State distributions of property taxes by interpolating State/U.S. ratios for real estate taxes between the 1987 *Census*/AELOS and the



FFS. Estimates for 1989 and after are based on the 1987 Census/AELOS State distribution moved by changes in State figures from the Real Estate Taxes Survey conducted by the Land Branch of ERS's Resources and Technology Division.

ERS analysts have again expanded 1990 FCRS data to represent expenses for all farms, since small-size farms are underrepresented in the FCRS. This adjustment takes into account the difference in the number of farms in the FCRS and NASS June Agricultural Survey.

### **Off-Farm Income**

The off-farm income figure for 1990 is significantly above earlier levels because of improved wording of the off-farm income question in the 1990 FCRS. The sharp jump in the off-farm income does not represent a large increase in the off-farm income of principal farm operators and their families. Off-farm income should not be added to any of the farm income accounts because the incomes are measured for different populations.

Table 1--Farm income indicators, 1987-90

Item	For further information refer to:	1987	1988	1989	1990	Percent change 1989-90
		Million dollars				Percent
Gross farm income 1/	Table 4	168,420	174,497	190,293	195,122	2.5
Gross cash income	Table 8	165,095	171,904	179,886	185,977	3.4
Farm marketings	Table 8	141,758	151,082	160,892	169,987	5.7
Crops	Table 14	65,764	71,645	76,761	80,364	4.7
Livestock and products	Table 14	75,994	79,437	84,131	89,623	6.5
Government payments	Table 25	16,747	14,480	10,887	9,298	-14.6
Other farm-related income	Table 8	6,590	6,342	8,107	6,692	-17.5
Noncash income 1/	Table 9	5,644	6,104	6,136	6,256	2.0
Value of home consumption	Table 9	743	731	666	693	4.0
Rental value of dwellings 1/	Table 9	4,901	5,373	5,470	5,563	1.7
Operator and other dwellings	Table 9	4,595	5,065	5,177	5,229	1.0
Hired laborer dwellings	Table 9	306	308	294	334	13.7
Value of inventory adjustment	Table 4	(2,319)	(3,511)	4,270	2,889	na
Total production expenses 1/	Table 26	128,737	133,902	140,221	144,291	2.9
Intermediate product expenses	Table 26	74,912	79,412	83,830	85,931	2.5
Farm origin	Table 26	32,564	36,515	37,698	39,046	3.6
Feed purchased	Table 26	17,463	20,393	21,002	20,727	-1.3
Livestock and poultry purchased	Table 26	11,842	12,764	13,138	14,737	12.2
Seed purchased	Table 26	3,259	3,359	3,558	3,582	0.7
Manufactured inputs	Table 26	18,077	18,893	19,659	20,759	5.6
Fertilizer and lime	Table 26	6,453	6,947	7,249	7,137	-1.5
Pesticides	Table 26	4,512	4,577	5,437	5,727	5.3
Fuel and oil	Table 26	4,957	5,091	4,983	5,951	19.4
Electricity	Table 26	2,156	2,278	1,990	1,944	-2.3
Other 1/	Table 26	24,271	24,004	26,472	26,126	-1.3
Repair and maintenance 1/	Table 26	6,761	6,800	7,272	7,283	0.2
Other miscellaneous 1/	Table 26	17,510	17,204	19,200	18,843	-1.9
Interest 1/	Table 26	14,954	14,682	14,691	14,472	-1.5
Real estate 1/	Table 26	8,187	7,885	7,781	7,667	-1.5
Nonreal estate	Table 26	6,767	6,797	6,910	6,805	-1.5
Contract and hired labor expenses	Table 26	9,975	10,441	11,110	12,543	12.9
Net rent to nonoperator landlords	Table 26	7,304	7,445	7,911	8,177	3.4
Capital consumption 1/	Table 26	16,740	17,075	17,553	17,545	0.0
Property taxes 1/	Table 26	4,853	4,848	5,127	5,623	9.7
NET FARM INCOME 1/	Table 4	39,683	40,595	50,072	50,831	1.5
Gross cash income	Table 8	165,095	171,904	179,886	185,977	3.4
Cash expenses 2/	Table 10	109,758	114,507	120,458	124,159	3.1
Intermediate product expenses 2/	Table 26	74,151	78,610	83,176	85,141	2.4
Interest 2/	Table 26	14,490	14,185	14,191	13,835	-2.5
Cash labor expenses	Table 26	9,473	9,955	10,641	12,028	13.0
Net rent to nonoperator landlords	Table 26	7,304	7,445	7,911	8,177	3.4
Property taxes 2/	Table 26	4,341	4,312	4,539	4,978	9.7
NET CASH INCOME 2/	Table 6	55,337	57,397	59,428	61,818	4.0
Gross cash income	Table 8	165,095	171,904	179,886	185,977	3.4
Farm business expenses 2/	Table 7	124,987	129,903	136,256	139,937	2.7
Cash expenses 2/	Table 10	109,758	114,507	120,458	124,159	3.1
Capital consumption 2/	Table 11	15,229	15,396	15,798	15,778	-0.1
NET BUSINESS INCOME 2/	Table 7	40,108	42,001	43,630	46,040	5.5
Gross receipts of farms 2/	Table 5	163,825	169,432	185,117	189,894	2.6
Farm production expenses 2/	Table 26	125,489	130,389	136,725	140,451	2.7
Nonfactor payments 2/	Table 5	93,721	98,318	103,513	105,896	2.3
Intermediate product expenses 2/	Table 5	74,151	78,610	83,176	85,141	2.4
Capital consumption 2/	Table 5	15,229	15,396	15,798	15,778	-0.1
Property taxes 2/	Table 5	4,341	4,312	4,539	4,978	9.7
Factor payments to nonoperators	Table 5	31,769	32,071	33,212	34,555	4.0
Interest 2/	Table 5	14,490	14,185	14,191	13,835	-2.5
Contract and hired labor expenses	Table 5	9,975	10,441	11,110	12,543	12.9
Net rent to nonoperator landlords	Table 26	7,304	7,445	7,911	8,177	3.4
RETURNS TO OPERATORS 2/, 3/	Table 5	38,335	39,043	48,392	49,443	2.2
OFF-FARM INCOME OF FARM OPERATOR HOUSEHOLDS	Table 7	56,319	57,163	57,300	66,976	16.9
		Number				
Number of farms	Table 2	2,212,960	2,197,140	2,170,520	2,140,420	-1.4

na = not appropriate. 1/ Including operator households. 2/ Excluding operator households. 3/ The returns to operators' figure is equal to net farm income minus the income and expenses associated with farm dwellings.

Table 2--Summary of the farm sector's financial status, 1945-90 1/

Year	: Number : of : farms	: Net : farm : income 2/	: Returns : to : operators	: Net : cash : income	: Net : cash : flow	: Off-farm : income : 3/	: Farm : assets : 4/	: Farm : debt : 4/	: Farm : equity : 4/
	: 1,000								
1945	: 5,967	12.3	12.1	11.3	12.0	NA	102.4	7.6	94.8
1946	: 5,926	15.1	14.8	13.1	13.9	NA	116.4	8.3	108.1
1947	: 5,871	15.4	15.0	15.3	14.5	NA	127.4	9.2	118.3
1948	: 5,803	17.7	17.3	14.6	12.8	NA	133.2	10.2	123.0
1949	: 5,722	12.8	12.4	13.1	10.1	NA	130.7	10.7	119.9
1950	: 5,648	13.6	13.2	12.7	11.3	NA	153.3	12.3	141.1
1951	: 5,428	15.9	15.5	14.8	13.8	NA	170.1	14.1	156.0
1952	: 5,198	15.0	14.4	14.2	12.4	NA	166.8	14.9	151.9
1953	: 4,984	13.0	12.4	14.1	10.7	NA	162.8	14.6	148.2
1954	: 4,798	12.4	11.9	12.8	11.1	NA	167.5	15.5	152.0
1955	: 4,654	11.3	10.8	12.2	11.0	NA	173.0	17.0	156.0
1956	: 4,514	11.3	10.7	12.9	11.4	NA	182.2	17.8	164.4
1957	: 4,372	11.1	10.6	11.9	10.8	NA	191.5	19.2	172.3
1958	: 4,233	13.2	12.6	13.8	13.2	NA	207.0	21.2	185.8
1959	: 4,097	10.7	10.0	12.5	10.7	NA	210.8	23.7	187.2
1960	: 3,963	11.2	10.5	12.8	10.6	8.5	210.0	24.8	185.1
1961	: 3,825	12.0	11.2	13.7	12.7	9.2	217.8	26.7	191.1
1962	: 3,692	12.1	11.3	13.7	13.2	9.9	225.7	29.4	196.3
1963	: 3,572	11.8	11.0	13.6	13.1	11.0	233.9	32.5	201.4
1964	: 3,457	10.5	9.7	14.0	13.2	11.6	242.1	35.3	206.8
1965	: 3,356	12.9	12.1	14.7	14.8	12.7	259.9	39.3	220.6
1966	: 3,257	14.0	13.1	17.1	16.4	13.9	273.2	42.9	230.3
1967	: 3,162	12.3	11.4	15.1	13.3	14.5	287.1	46.0	241.1
1968	: 3,071	12.3	11.3	15.9	13.7	15.5	300.4	47.9	252.5
1969	: 3,000	14.3	13.2	18.1	16.6	16.6	311.5	50.5	261.0
1970	: 2,949	14.4	13.1	18.4	16.1	17.6	324.3	52.8	271.5
1971	: 2,902	15.0	13.7	18.0	17.9	19.1	350.1	57.5	292.6
1972	: 2,860	19.5	18.1	23.2	24.5	21.3	393.0	63.3	329.7
1973	: 2,823	34.4	32.8	36.0	39.7	24.7	477.8	72.9	404.9
1974	: 2,795	27.3	25.3	34.8	35.4	28.1	513.2	81.7	431.5
1975	: 2,521	25.5	23.2	29.6	30.5	23.9	579.4	91.5	488.0
1976	: 2,497	20.2	17.4	29.9	30.5	26.7	667.8	103.2	564.6
1977	: 2,456	19.9	16.5	27.9	31.1	26.1	735.2	118.9	616.2
1978	: 2,436	25.2	21.5	33.1	35.8	29.7	862.1	136.6	725.5
1979	: 2,437	27.4	23.0	33.4	43.8	33.8	1,001.6	162.5	839.2
1980	: 2,440	16.1	10.9	34.2	37.6	34.7	1,089.2	178.7	910.5
1981	: 2,440	26.9	20.5	32.8	37.9	35.8	1,089.4	195.4	894.0
1982	: 2,407	23.8	17.4	38.1	37.0	36.4	1,056.8	203.1	853.7
1983	: 2,379	14.2	8.3	38.4	33.4	37.0	1,064.3	206.5	857.9
1984	: 2,334	26.1	24.9	37.4	36.0	39.2	975.9	204.3	771.5
1985	: 2,293	28.8	27.8	47.1	30.1	55.2	892.8	187.9	704.9
1986	: 2,250	31.0	30.0	47.8	25.9	54.5	848.0	166.6	681.3
1987	: 2,213	39.7	38.3	55.3	38.7	56.3	911.4	153.7	757.7
1988	: 2,197	40.6	39.0	57.4	49.0	57.2	956.8	148.5	808.3
1989	: 2,171	50.1	48.4	59.4	52.6	57.3	976.0	146.0	830.0
1990	: 2,140	50.8	49.4	61.8	56.4	67.0	996.2	145.1	851.1

NA = not available. 1/ See tables 4-7 for components of income accounts. It is inappropriate to divide the net income figures by the number of farms to measure the average net income received by farm operators. Proceeds from a farm operation may be shared by several families and a family may be involved in several farming operations. 2/ New computational procedures and data sources are used in deriving the gross imputed rental income and expenses related to farm dwellings for 1984 and later years. 3/ Off-farm income is computed only for the principal farm operator and his or her family. 4/ Includes operator households. See table 46 for components of balance sheet accounts.

Table 3--Summary of the farm sector's financial status (in 1982 dollars), 1945-90 1/

Year	Number of farms	Net farm income 2/	Returns to operators	Net cash income	Net cash flow	Off-farm income 3/	Farm assets 4/	Farm debt 4/	Farm equity 4/
	1,000	-----Billion dollars-----							
1945	5,967	78.4	77.1	72.2	76.6	NA	652.3	48.6	603.7
1946	5,926	77.7	76.0	67.4	71.9	NA	600.0	43.0	557.0
1947	5,871	69.5	67.9	69.4	65.4	NA	576.7	41.4	535.3
1948	5,803	74.8	73.3	61.8	54.2	NA	564.6	43.3	521.3
1949	5,722	54.4	52.7	55.9	43.1	NA	556.1	45.7	510.4
1950	5,648	57.1	55.3	53.3	47.4	NA	641.5	51.3	590.3
1951	5,428	63.5	61.7	58.9	55.1	NA	677.6	56.1	621.5
1952	5,198	58.7	56.5	55.9	48.6	NA	654.2	58.6	595.6
1953	4,984	50.1	47.9	54.5	41.3	NA	628.6	56.3	572.4
1954	4,798	47.0	45.1	48.6	42.1	NA	636.8	58.9	578.0
1955	4,654	41.6	39.7	44.8	40.3	NA	635.9	62.3	573.5
1956	4,514	40.0	38.2	45.9	40.4	NA	648.3	63.4	584.9
1957	4,372	38.1	36.3	41.0	37.0	NA	658.2	66.1	592.1
1958	4,233	44.3	42.4	46.5	44.3	NA	696.9	71.4	625.5
1959	4,097	35.2	33.1	41.2	35.1	NA	693.5	77.8	615.7
1960	3,963	36.3	34.0	41.4	34.4	27.4	679.5	80.4	599.1
1961	3,825	38.3	36.1	43.8	40.7	29.4	698.1	85.5	612.6
1962	3,692	37.8	35.5	42.9	41.5	31.0	707.4	92.2	615.3
1963	3,572	36.3	33.9	41.9	40.4	34.0	721.9	100.4	621.6
1964	3,457	31.9	29.5	42.4	40.2	35.4	736.0	107.3	628.7
1965	3,356	38.2	35.8	43.4	43.7	37.7	768.9	116.2	652.6
1966	3,257	39.9	37.4	48.7	46.8	39.7	780.6	122.6	658.0
1967	3,162	34.4	31.7	41.9	36.9	40.4	799.9	128.2	671.6
1968	3,071	32.7	30.0	42.2	36.2	41.0	796.8	127.2	669.7
1969	3,000	35.9	33.2	45.6	41.7	41.7	782.8	126.9	655.8
1970	2,949	34.2	31.3	43.7	38.3	41.9	772.1	125.6	646.5
1971	2,902	33.8	30.9	40.6	40.3	43.0	788.5	129.5	659.1
1972	2,860	41.8	38.9	49.8	52.6	45.7	845.2	136.2	709.0
1973	2,823	69.4	66.2	72.6	80.2	49.9	965.3	147.2	818.1
1974	2,795	50.5	46.8	64.5	65.6	52.1	950.3	151.2	799.1
1975	2,521	43.1	39.1	49.9	51.4	40.3	977.1	154.2	822.9
1976	2,497	32.0	27.5	47.4	48.3	42.3	1,058.3	163.5	894.8
1977	2,456	29.5	24.5	41.4	46.3	38.8	1,092.4	176.7	915.7
1978	2,436	34.9	29.8	45.9	49.6	41.1	1,194.1	189.2	1,004.9
1979	2,437	34.9	29.3	42.5	55.7	43.1	1,274.4	206.7	1,067.6
1980	2,440	18.8	12.7	39.9	43.9	40.5	1,270.9	208.5	1,062.4
1981	2,440	28.6	21.8	34.9	40.3	38.1	1,159.0	207.9	951.1
1982	2,407	23.8	17.4	38.1	37.0	36.4	1,056.8	203.1	853.7
1983	2,379	13.7	8.0	36.9	32.1	35.6	1,024.4	198.7	825.7
1984	2,334	24.2	23.1	34.8	33.5	36.4	906.1	189.7	716.4
1985	2,293	25.9	25.0	42.5	27.2	49.7	805.0	169.4	635.6
1986	2,250	27.2	26.4	42.0	22.8	47.9	745.1	146.4	598.7
1987	2,213	33.8	32.7	47.1	33.0	48.0	776.3	130.9	645.4
1988	2,197	33.5	32.2	47.3	40.4	47.1	788.8	122.5	666.4
1989	2,171	39.6	38.3	47.1	41.6	45.4	772.8	115.6	657.2
1990	2,140	38.7	37.6	47.0	42.9	50.9	757.5	110.3	647.2

NA = not available. 1/ Deflated by GNP. See table 12 for GNP figures. See tables 4-7 for components of income accounts. It is inappropriate to divide the net income figures by the number of farms to measure the average net income received by farm operators. Proceeds from a farm operation may be shared by several families and a family may be involved in several farming operations. 2/ New computational procedures and data sources are used in deriving the gross imputed rental income and expenses related to farm dwellings for 1984 and later years. 3/ Off-farm income is computed only for the principal farm operator and his or her family. 4/ Includes operator households. See table 46 for components of balance sheet accounts.



Table 4--Net farm income, 1945-90 1/

	Gross farm income 2/				Expenses				Net
Year	Gross cash income	Value of inventory adjustment	Noncash income 3/	Total	Cash expenses 3/	Noncash expenses 3/	Total	farm income	
Million dollars									
1945	22,405	-439	3,408	25,374	11,405	1,657	13,062	12,312	
1946	25,574	29	3,965	29,568	12,934	1,566	14,500	15,068	
1947	29,934	-1,760	4,212	32,386	15,070	1,962	17,032	15,354	
1948	30,484	1,732	4,238	36,454	16,356	2,434	18,790	17,664	
1949	27,991	-866	3,638	30,763	15,229	2,753	17,982	12,781	
1950	28,764	812	3,527	33,103	16,430	3,025	19,455	13,648	
1951	33,186	1,184	3,912	38,282	18,839	3,509	22,348	15,934	
1952	32,873	922	3,956	37,751	19,119	3,671	22,790	14,961	
1953	31,298	-623	3,772	34,447	17,684	3,783	21,467	12,980	
1954	30,190	491	3,500	34,181	17,927	3,881	21,808	12,373	
1955	29,842	215	3,419	33,476	18,192	3,979	22,171	11,305	
1956	31,096	-456	3,319	33,959	18,708	3,997	22,705	11,254	
1957	30,898	618	3,271	34,787	19,513	4,190	23,703	11,084	
1958	34,766	825	3,366	38,957	21,503	4,287	25,790	13,167	
1959	34,556	14	3,320	37,890	22,630	4,546	27,176	10,714	
1960	34,958	397	3,233	38,588	22,734	4,642	27,376	11,212	
1961	36,898	336	3,312	40,546	23,880	4,710	28,590	11,956	
1962	38,471	620	3,251	42,342	25,417	4,862	30,279	12,063	
1963	39,458	629	3,281	43,368	26,560	5,038	31,598	11,770	
1964	39,840	-817	3,278	42,301	26,577	5,235	31,812	10,489	
1965	42,215	1,042	3,292	46,549	28,216	5,433	33,649	12,900	
1966	47,129	-83	3,423	50,469	30,806	5,701	36,507	13,962	
1967	46,379	657	3,483	50,519	32,094	6,087	38,181	12,338	
1968	48,166	124	3,557	51,847	33,019	6,505	39,524	12,323	
1969	52,531	99	3,776	56,406	35,226	6,888	42,114	14,292	
1970	54,768	6	4,044	58,818	37,211	7,241	44,452	14,366	
1971	56,503	1,397	4,219	62,119	39,353	7,754	47,107	15,012	
1972	65,683	861	4,602	71,146	43,430	8,259	51,689	19,457	
1973	90,242	3,406	5,262	98,910	55,211	9,342	64,553	34,357	
1974	93,726	-1,611	6,132	98,247	59,978	11,003	70,981	27,266	
1975	90,707	3,399	6,484	100,590	62,189	12,854	75,043	25,547	
1976	97,168	-1,548	7,297	102,917	68,396	14,345	82,741	20,176	
1977	99,275	1,080	8,411	108,766	72,793	16,091	88,884	19,882	
1978	117,283	1,892	9,272	128,447	85,768	17,482	103,250	25,197	
1979	135,143	4,975	10,602	150,720	103,398	19,906	123,304	27,416	
1980	143,296	-6,300	12,278	149,274	111,086	22,053	133,139	16,135	
1981	146,024	6,488	13,811	166,323	115,316	24,128	139,444	26,879	
1982	151,278	-1,382	14,250	164,147	115,587	24,718	140,305	23,841	
1983	151,123	-10,909	13,642	153,856	115,326	24,282	139,608	14,248	
1984	156,116	5,966	5,898	167,981	120,447	21,426	141,873	26,108	
1985	157,854	-2,269	5,615	161,200	112,596	19,836	132,433	28,768	
1986	152,806	-2,201	5,475	156,080	106,860	18,224	125,084	30,995	
1987	165,095	-2,319	5,644	168,419	111,495	17,242	128,737	39,682	
1988	171,904	-3,511	6,104	174,497	116,341	17,561	133,902	40,595	
1989	179,886	4,270	6,136	190,293	122,198	18,021	140,219	50,073	
1990	185,978	2,889	6,256	195,123	126,232	18,059	144,291	50,832	

1/ Net farm income measures the value of agricultural production during the calendar year. Components may not add to totals due to rounding. See tables 8-11 for components. 2/ A change in the estimation procedures affecting both cash receipts and the value of inventory was started in 1986. Loan placements and redemptions are now incorporated separately for CCC crops rather than the net difference. In recent years the Government has offered incentives that encourage loan redemption in the same year as placements. The change in procedure has little effect on gross farm income as the change to receipts and inventories within a year tend to be offsetting. 3/ New procedures and data sources are used in computing the gross imputed rental income and expenses related to farm dwellings for 1984 and later years. See footnotes to tables 9, 10, 11, and 26 for more details.

Table 5--Farm production transactions, 1945-90 1/

Year	Gross receipts of farms				Nonfactor payments			
	Gross	Value of	Noncash	Total	Intermediate	Capital	Property	Total
	cash	inventory	income		product	consumption	taxes	
	income 2/	adjustment	3/	(A)	expenses 4/	5/		(B)
Million dollars								
1945	22,405	-439	2,630	24,596	7,218	1,072	485	8,775
1946	25,574	29	2,951	28,554	8,032	931	539	9,502
1947	29,934	-1,760	3,074	31,248	9,725	1,237	644	11,606
1948	30,484	1,732	3,060	35,276	10,809	1,647	710	13,166
1949	27,991	-866	2,539	29,664	10,062	2,022	770	12,854
1950	28,764	812	2,347	31,923	10,984	2,301	810	14,095
1951	33,186	1,184	2,583	36,953	12,944	2,712	874	16,530
1952	32,873	922	2,486	36,281	13,056	2,911	913	16,880
1953	31,298	-623	2,269	32,944	11,894	3,029	943	15,866
1954	30,190	491	2,029	32,710	12,258	3,129	962	16,349
1955	29,842	215	1,905	31,962	12,464	3,219	1,018	16,701
1956	31,096	-456	1,816	32,456	12,796	3,269	1,057	17,122
1957	30,898	618	1,727	33,243	13,447	3,430	1,117	17,994
1958	34,766	825	1,755	37,346	15,038	3,530	1,162	19,730
1959	34,556	14	1,547	36,117	15,924	3,736	1,279	20,939
1960	34,958	397	1,393	36,748	15,632	3,773	1,373	20,778
1961	36,898	336	1,373	38,607	16,223	3,802	1,449	21,474
1962	38,471	620	1,258	40,349	17,348	3,915	1,514	22,777
1963	39,458	629	1,186	41,273	17,985	4,043	1,573	23,601
1964	39,840	-817	1,082	40,105	17,639	4,201	1,634	23,474
1965	42,215	1,042	1,047	44,304	18,675	4,360	1,707	24,742
1966	47,129	-83	1,052	48,098	20,639	4,626	1,830	27,095
1967	46,379	657	956	47,992	21,619	4,967	1,944	28,530
1968	48,166	124	933	49,223	21,887	5,348	2,110	29,345
1969	52,531	99	945	53,575	23,325	5,655	2,258	31,238
1970	54,768	6	995	55,769	24,782	5,890	2,383	33,055
1971	56,503	1,397	972	58,872	26,574	6,331	2,483	35,388
1972	65,683	861	1,115	67,659	29,060	6,721	2,588	38,369
1973	90,242	3,406	1,343	94,991	37,654	7,540	2,657	47,851
1974	93,726	-1,611	1,452	93,567	40,921	8,928	2,850	52,699
1975	90,707	3,399	1,318	95,424	41,977	10,604	2,956	55,537
1976	97,168	-1,548	1,355	96,975	46,588	11,794	3,239	61,621
1977	99,275	1,080	1,339	101,694	49,098	13,166	3,399	65,663
1978	117,283	1,892	1,369	120,544	59,300	14,348	3,344	76,992
1979	135,143	4,975	1,493	141,611	70,993	16,297	3,601	90,891
1980	143,296	-6,300	1,383	138,378	75,064	17,847	3,607	96,518
1981	146,024	6,488	1,361	153,873	75,624	19,612	3,942	99,178
1982	151,278	-1,382	1,302	151,199	74,159	20,049	3,712	97,920
1983	151,123	-10,909	1,220	141,434	74,484	19,803	4,099	98,386
1984	156,116	5,966	1,423	163,506	77,456	19,351	3,953	100,760
1985	157,854	-2,269	1,286	156,872	71,672	17,853	4,118	93,643
1986	152,806	-2,201	1,207	151,811	69,956	16,368	4,153	90,476
1987	165,095	-2,319	1,048	163,824	74,151	15,229	4,341	93,721
1988	171,904	-3,511	1,039	169,432	78,610	15,396	4,312	98,318
1989	179,886	4,270	960	185,116	83,176	15,798	4,539	103,513
1990	185,978	2,889	1,027	189,894	85,141	15,778	4,978	105,896

See footnotes at end of table.

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Table 5--Farm production transactions, 1945-90--continued

Year	Factor payments to nonoperators					Returns to operator	Total factor payments
	Interest		Contract and hired labor expenses 4/	Net rent received by nonoperator landlords	Subtotal excluding returns to operators (C)		
	Real estate	Nonreal estate					
Million dollars							
1945	187	169	2,299	1,064	3,719	12,102	15,821
1946	186	183	2,532	1,401	4,302	14,750	19,052
1947	192	214	2,783	1,455	4,644	14,998	19,642
1948	198	259	2,990	1,370	4,817	17,293	22,110
1949	208	296	2,806	1,107	4,417	12,393	16,810
1950	225	334	2,811	1,233	4,603	13,225	17,828
1951	250	401	2,921	1,368	4,940	15,483	20,423
1952	271	452	2,857	1,421	5,001	14,400	19,401
1953	297	432	2,736	1,214	4,679	12,399	17,078
1954	319	420	2,596	1,159	4,494	11,867	16,361
1955	349	442	2,615	1,057	4,463	10,798	15,261
1956	387	469	2,641	1,109	4,606	10,728	15,334
1957	424	499	2,734	1,029	4,686	10,563	15,249
1958	452	565	2,842	1,161	5,020	12,596	17,616
1959	498	650	2,905	1,077	5,130	10,048	15,178
1960	549	719	3,062	1,124	5,454	10,516	15,970
1961	606	741	3,192	1,346	5,885	11,248	17,133
1962	669	809	3,299	1,467	6,244	11,328	17,572
1963	749	905	3,400	1,623	6,677	10,995	17,672
1964	845	958	3,483	1,655	6,941	9,690	16,631
1965	958	1,028	3,603	1,886	7,475	12,087	19,562
1966	1,072	1,142	3,682	2,023	7,919	13,084	21,003
1967	1,189	1,271	3,723	1,882	8,065	11,397	19,462
1968	1,325	1,318	3,919	1,999	8,561	11,317	19,878
1969	1,468	1,434	4,151	2,061	9,114	13,223	22,337
1970	1,586	1,618	4,312	2,051	9,567	13,147	22,714
1971	1,718	1,659	4,342	2,028	9,747	13,737	23,484
1972	1,865	1,802	4,528	3,021	11,216	18,074	29,290
1973	2,155	2,278	5,154	4,780	14,367	32,773	47,140
1974	2,564	2,866	6,076	4,102	15,608	25,260	40,868
1975	3,006	3,069	6,586	4,024	16,685	23,202	39,887
1976	3,439	3,574	7,509	3,465	17,987	17,367	35,354
1977	3,943	4,203	7,953	3,412	19,511	16,520	36,031
1978	4,621	5,167	8,279	3,963	22,030	21,522	43,552
1979	5,666	6,868	8,981	6,182	27,697	23,023	50,720
1980	6,920	8,717	9,293	6,075	31,005	10,855	41,860
1981	8,396	10,722	8,931	6,184	34,233	20,462	54,695
1982	9,633	11,349	9,379	5,476	35,837	17,442	53,279
1983	9,947	10,615	8,938	5,211	34,710	8,337	43,048
1984	9,879	10,396	9,427	8,150	37,852	24,894	62,746
1985	9,030	8,735	10,008	7,690	35,463	27,766	63,229
1986	8,342	7,367	9,484	6,099	31,292	30,043	61,335
1987	7,723	6,767	9,975	7,304	31,769	38,335	70,104
1988	7,388	6,797	10,441	7,445	32,071	39,043	71,113
1989	7,281	6,910	11,110	7,911	33,212	48,392	81,603
1990	7,030	6,805	12,543	8,177	34,555	49,442	83,998

1/ The production transactions account shows the distribution of gross receipts to the factors of production. Returns to operators for their labor, management, land, and capital are calculated as the residual and are equal to net farm income minus the net income return to farm operator dwellings. 2/ See table 8. 3/ See table 9. 4/ See table 26. 5/ See table 11.



Table 6--Net cash income and net cash-flow from farming, 1945-90 1/

Year	Cash income 2/			Change in loans outstanding 3/			Net change in other financial assets 4/	Net rent received by non- operator landlords	Capital expenditures 5/	Net cash flow
	Gross cash income	Cash expenses	Net (A)	Real estate loans	Nonreal estate loans	Total (B)				
							(C)	(D)	(E)	(A+B+C+D-E)
Million dollars										
1945	22,405	11,075	11,330	-145	139	-6	1,192	1,064	1,560	12,020
1946	25,574	12,496	13,078	107	542	649	605	1,401	1,786	13,947
1947	29,934	14,604	15,330	133	597	730	-191	1,455	2,874	14,450
1948	30,484	15,904	14,580	185	783	968	-349	1,370	3,782	12,787
1949	27,991	14,861	13,130	231	207	438	-505	1,107	4,041	10,129
1950	28,764	16,037	12,727	480	906	1,387	6	1,233	4,032	11,321
1951	33,186	18,396	14,790	481	1,182	1,663	272	1,368	4,255	13,838
1952	32,873	18,625	14,248	506	260	766	-118	1,421	3,915	12,402
1953	31,298	17,187	14,111	443	-813	-371	-141	1,214	4,109	10,704
1954	30,190	17,414	12,776	467	363	831	-98	1,159	3,592	11,076
1955	29,842	17,666	12,176	688	667	1,355	-1	1,057	3,613	10,974
1956	31,096	18,185	12,911	729	46	775	-171	1,109	3,269	11,355
1957	30,898	18,973	11,925	522	798	1,320	-134	1,029	3,386	10,754
1958	34,766	20,944	13,822	664	1,190	1,854	308	1,161	3,991	13,154
1959	34,556	22,038	12,518	926	1,349	2,275	-670	1,077	4,529	10,671
1960	34,958	22,154	12,804	682	413	1,095	-400	1,124	4,003	10,620
1961	36,898	23,235	13,663	1,009	684	1,693	30	1,346	4,022	12,710
1962	38,471	24,774	13,697	1,170	1,357	2,527	12	1,467	4,473	13,230
1963	39,458	25,893	13,565	1,493	1,403	2,896	-140	1,623	4,846	13,098
1964	39,840	25,882	13,958	1,869	727	2,596	116	1,655	5,101	13,224
1965	42,215	27,535	14,680	2,066	1,588	3,654	118	1,886	5,566	14,772
1966	47,129	30,071	17,058	1,760	1,632	3,392	0	2,023	6,095	16,378
1967	46,379	31,322	15,057	1,937	1,066	3,003	146	1,882	6,834	13,254
1968	48,166	32,253	15,913	2,116	-400	1,715	174	1,999	6,148	13,653
1969	52,531	34,383	18,148	1,687	813	2,499	93	2,061	6,214	16,587
1970	54,768	36,395	18,373	1,090	1,242	2,332	124	2,051	6,793	16,087
1971	56,503	38,466	18,037	1,749	2,734	4,482	150	2,028	6,789	17,908
1972	65,683	42,514	23,169	2,750	2,719	5,469	291	3,021	7,480	24,470
1973	90,242	54,282	35,960	4,072	4,855	8,928	181	4,780	10,172	39,677
1974	93,726	58,916	34,810	4,700	3,521	8,221	-252	4,102	11,444	35,437
1975	90,707	61,118	29,589	4,554	4,606	9,160	73	4,024	12,384	30,462
1976	97,168	67,247	29,921	5,164	5,888	11,053	3	3,465	13,968	30,474
1977	99,275	71,410	27,865	7,949	6,840	14,790	88	3,412	15,015	31,140
1978	117,283	84,155	33,128	8,262	8,283	16,545	102	3,963	17,948	35,790
1979	135,143	101,730	33,413	12,997	11,154	24,151	147	6,182	20,075	43,818
1980	143,296	109,097	34,199	9,988	5,285	15,273	74	6,075	17,982	37,638
1981	146,024	113,244	32,780	9,096	6,461	15,557	202	6,184	16,846	37,877
1982	151,278	113,178	38,100	3,021	3,404	6,425	226	5,476	13,261	36,966
1983	151,123	112,769	38,354	1,367	892	2,259	289	5,211	12,739	33,374
1984	156,116	118,681	37,435	3,515	-798	2,717	249	8,150	12,521	36,030
1985	157,854	110,714	47,140	-6,623	-9,568	-16,191	658	7,690	9,186	30,111
1986	152,806	104,965	47,841	-9,671	-10,960	-20,631	1,067	6,099	8,460	25,916
1987	165,095	109,758	55,337	-8,010	-4,550	-12,561	-189	7,304	11,177	38,714
1988	171,904	114,507	57,397	-4,765	-278	-5,043	500	7,445	11,312	48,987
1989	179,886	120,458	59,428	-2,316	92	-2,223	67	7,911	12,631	52,552
1990	185,978	124,159	61,818	-1,930	1,254	-675	421	8,177	13,375	56,367

1/ Net cash income measures the income from an operator's farm business and net cash flow measures the cash flow within the agricultural sector. Components may not add due to rounding. 2/ See tables 8 and 10 for components. 3/ See table 52 for components. Excludes operator households. 4/ See table 51 for components. Excludes operator households. 5/ See table 28 for components.



Table 7--Additional income measures, 1945-90

Year	Business income 1/					Off-farm income of principal farm operator and family 3/
	Gross cash income	Business expenses 2/			Net	
		Cash expenses	Capital consumption	Total		
Million dollars						
1945	22,405	11,075	1,072	12,147	10,258	NA
1946	25,574	12,496	931	13,427	12,147	NA
1947	29,934	14,604	1,237	15,841	14,093	NA
1948	30,484	15,904	1,647	17,551	12,933	NA
1949	27,991	14,861	2,022	16,883	11,108	NA
1950	28,764	16,037	2,301	18,338	10,426	NA
1951	33,186	18,396	2,712	21,108	12,078	NA
1952	32,873	18,625	2,911	21,536	11,337	NA
1953	31,298	17,187	3,029	20,216	11,082	NA
1954	30,190	17,414	3,129	20,543	9,647	NA
1955	29,842	17,666	3,219	20,885	8,957	NA
1956	31,096	18,185	3,269	21,454	9,642	NA
1957	30,898	18,973	3,430	22,403	8,495	NA
1958	34,766	20,944	3,530	24,474	10,292	NA
1959	34,556	22,038	3,736	25,774	8,782	NA
1960	34,958	22,154	3,773	25,927	9,031	8,482
1961	36,898	23,235	3,802	27,037	9,861	9,163
1962	38,471	24,774	3,915	28,689	9,782	9,904
1963	39,458	25,893	4,043	29,936	9,522	11,020
1964	39,840	25,882	4,201	30,083	9,757	11,637
1965	42,215	27,535	4,360	31,895	10,320	12,727
1966	47,129	30,071	4,626	34,697	12,432	13,882
1967	46,379	31,322	4,967	36,289	10,090	14,495
1968	48,166	32,253	5,348	37,601	10,565	15,466
1969	52,531	34,383	5,655	40,038	12,493	16,612
1970	54,768	36,395	5,890	42,285	12,483	17,617
1971	56,503	38,466	6,331	44,797	11,706	19,110
1972	65,683	42,514	6,721	49,235	16,448	21,265
1973	90,242	54,282	7,540	61,822	28,420	24,714
1974	93,726	58,916	8,928	67,844	25,882	28,135
1975	90,707	61,118	10,604	71,722	18,985	23,901
1976	97,168	67,247	11,794	79,041	18,127	26,681
1977	99,275	71,410	13,166	84,576	14,699	26,120
1978	117,283	84,155	14,348	98,503	18,780	29,704
1979 4/	135,143	101,730	16,297	118,027	17,116	33,840
1980	143,296	109,097	17,847	126,944	16,352	34,694
1981	146,024	113,244	19,612	132,856	13,168	35,800
1982	151,278	113,178	20,049	133,227	18,051	36,428
1983	151,123	112,769	19,803	132,572	18,551	37,019
1984	156,116	118,681	19,351	138,033	18,084	39,179
1985	157,854	110,714	17,853	128,567	29,287	55,160
1986	152,806	104,965	16,368	121,332	31,473	54,547
1987	165,096	109,758	15,229	124,987	40,109	56,319
1988	171,904	114,507	15,396	129,903	42,001	57,163
1989	179,887	120,459	15,798	136,257	43,630	57,300
1990	185,978	124,159	15,778	139,937	46,041	66,976

NA = not available. 1/ This measure of income is conceptually consistent with the cash accounting method used by most farm operators; however, operators employ a variety of depreciation methods and assumptions about the useful lives of capital assets. 2/ Excludes operator dwellings. 3/ Off-farm income should not be added to the farm income figures because off-farm income is reported for only the principal farm operators and their families. Since farms may have more than one operator, more than one family may share a farm's earnings. 4/ The 1979 off-farm income was benchmarked to the 1979 FFS and 1984's figure benchmarked to the 1984 FCRS. Both surveys asked farmers to report the amount of their off-farm income. Estimates between 1979 and 1984 were derived by moving the 1979 figure forward using annual percent changes in per capita U.S. personal income. Starting with 1985, the FCRS listed ranges for off-farm income and asked farmers to report the appropriate range. As a result of the change, more farmers reported their income.

Table 8--Gross cash income from farm sources, by major component, 1945-90

Year	Farm marketings 1/, 2/			Government payments 3/	Other farm-related income				Gross cash income
	Livestock	Crops	Total		Machine hire and customwork	Forest products sales 1/	Other 4/	Total	
Million dollars									
1945	12,008	9,655	21,663	742	NA	1/	NA	NA	22,405
1946	13,786	11,016	24,802	772	NA	1/	NA	NA	25,574
1947	16,527	13,093	29,620	314	NA	1/	NA	NA	29,934
1948	17,129	13,098	30,227	257	NA	1/	NA	NA	30,484
1949	15,409	12,396	27,805	186	NA	1/	NA	NA	27,991
1950	16,105	12,356	28,461	283	20	1/	NA	20	28,764
1951	19,619	13,239	32,858	286	42	1/	NA	42	33,186
1952	18,238	14,290	32,528	275	70	1/	NA	70	32,873
1953	16,923	14,078	31,001	213	84	1/	NA	84	31,298
1954	16,276	13,556	29,832	257	101	1/	NA	101	30,190
1955	15,967	13,523	29,490	229	123	1/	NA	123	29,842
1956	16,363	14,038	30,401	554	141	1/	NA	141	31,096
1957	17,376	12,338	29,714	1,015	169	1/	NA	169	30,898
1958	19,227	14,229	33,456	1,088	222	1/	NA	222	34,766
1959	18,904	14,743	33,647	682	227	1/	NA	227	34,556
1960	18,989	15,023	34,012	703	243	1/	NA	243	34,958
1961	19,513	15,650	35,163	1,493	242	1/	NA	242	36,898
1962	20,158	16,310	36,468	1,746	257	1/	NA	257	38,471
1963	20,047	17,430	37,477	1,696	285	1/	NA	285	39,458
1964	19,947	17,378	37,325	2,179	295	1/	41	336	39,840
1965	21,886	17,479	39,365	2,463	345	1/	42	387	42,215
1966	25,027	18,409	43,436	3,277	372	1/	44	416	47,129
1967	24,383	18,434	42,817	3,078	438	1/	46	484	46,379
1968	25,487	18,696	44,183	3,463	472	1/	48	520	48,166
1969	28,573	19,606	48,179	3,793	510	1/	50	559	52,531
1970	29,532	20,977	50,509	3,717	494	1/	48	542	54,768
1971	30,479	22,269	52,748	3,145	563	1/	47	610	56,503
1972	35,583	25,523	61,106	3,962	569	1/	46	615	65,683
1973	45,772	41,114	86,886	2,607	704	1/	45	749	90,242
1974	41,326	51,065	92,391	530	628	1/	177	805	93,726
1975	43,089	45,813	88,902	807	743	1/	255	998	90,707
1976	46,323	49,032	95,355	734	746	1/	333	1,079	97,168
1977	47,635	48,600	96,235	1,818	811	1/	411	1,222	99,275
1978	59,162	53,198	112,360	3,030	638	769	486	1,893	117,283
1979	69,236	62,293	131,529	1,376	740	931	567	2,238	135,143
1980	67,991	71,746	139,737	1,285	655	974	645	2,274	143,296
1981	69,151	72,465	141,616	1,933	712	1,040	723	2,475	146,024
1982	70,258	72,303	142,562	3,492	1,301	1,080	2,844	5,225	151,278
1983	69,606	67,165	136,770	9,296	903	1,188	2,966	5,057	151,123
1984	72,895	69,889	142,784	8,431	1,072	1,377	2,453	4,901	156,116
1985	69,822	74,293	144,114	7,705	1,475	1,405	3,155	6,035	157,854
1986	71,554	63,749	135,303	11,814	1,150	1,540	2,999	5,689	152,806
1987	75,994	65,764	141,758	16,747	1,467	1,918	3,204	6,590	165,095
1988	79,437	71,645	151,082	14,480	1,307	1,940	3,094	6,342	171,904
1989	84,131	76,761	160,892	10,887	1,542	2,083	4,483	8,107	179,886
1990	89,623	80,364	169,987	9,298	1,607	2,089	2,996	6,692	185,978

NA = not available. 1/ Forest products are included in farm marketings prior to 1978 and in farm-related income thereafter. 2/ See tables 15 and 16. 3/ See table 25. 4/ Includes only recreational income through 1973. Starting with 1974, includes recreational income, dividends from cooperatives, and all other farm-related income. Custom feeding fees were added to the other category in 1982.

Table 9--Gross noncash income from farm sources, 1945-90

Year	Home consumption 1/			Gross imputed rental value of farm dwellings 2/		Gross noncash income 3/	
	Crops	Livestock	Total	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings
Million dollars							
1945	942	1,414	2,356	1,052	274	3,408	2,630
1946	993	1,669	2,662	1,303	289	3,965	2,951
1947	913	1,852	2,765	1,447	309	4,212	3,074
1948	879	1,854	2,733	1,505	327	4,238	3,060
1949	732	1,498	2,230	1,408	309	3,638	2,539
1950	690	1,373	2,063	1,464	284	3,527	2,347
1951	704	1,600	2,304	1,608	279	3,912	2,583
1952	743	1,477	2,220	1,736	266	3,956	2,486
1953	648	1,359	2,007	1,765	262	3,772	2,269
1954	590	1,199	1,789	1,711	240	3,500	2,029
1955	567	1,111	1,678	1,741	227	3,419	1,905
1956	541	1,044	1,585	1,734	231	3,319	1,816
1957	485	999	1,484	1,787	243	3,271	1,727
1958	494	1,011	1,505	1,861	250	3,366	1,755
1959	439	850	1,289	2,031	258	3,320	1,547
1960	348	787	1,135	2,098	258	3,233	1,393
1961	372	738	1,110	2,202	263	3,312	1,373
1962	325	668	993	2,258	265	3,251	1,258
1963	311	610	921	2,360	265	3,281	1,186
1964	286	549	835	2,443	247	3,278	1,082
1965	276	535	811	2,481	236	3,292	1,047
1966	251	573	824	2,599	228	3,423	1,052
1967	232	504	736	2,747	220	3,483	956
1968	225	494	719	2,838	214	3,557	933
1969	209	521	730	3,046	215	3,776	945
1970	230	546	776	3,268	219	4,044	995
1971	226	518	744	3,475	228	4,219	972
1972	251	638	889	3,713	226	4,602	1,115
1973	256	859	1,115	4,147	228	5,262	1,343
1974	273	917	1,190	4,942	262	6,132	1,452
1975	229	900	1,129	5,355	189	6,484	1,318
1976	229	953	1,182	6,115	173	7,297	1,355
1977	248	913	1,161	7,250	178	8,411	1,339
1978	247	968	1,215	8,057	154	9,272	1,369
1979	246	1,100	1,346	9,256	147	10,602	1,493
1980	244	989	1,233	11,045	150	12,278	1,383
1981	243	971	1,214	12,597	147	13,811	1,361
1982	242	887	1,129	13,121	173	14,250	1,302
1983	241	808	1,049	12,593	171	13,642	1,220
1984	240	777	1,017	4,881	406	5,898	1,423
1985	239	687	926	4,689	360	5,615	1,286
1986	239	657	896	4,579	311	5,475	1,207
1987	167	576	743	4,901	306	5,644	1,048
1988	164	567	731	5,373	308	6,104	1,039
1989	140	526	666	5,470	294	6,136	960
1990	141	552	693	5,563	334	6,256	1,027

1/ Value of farm products consumed directly by farm households where produced. 2/ This imputed noncash income is included because farm dwellings are a component of farm assets, and farm businesses incur dwelling expenses. For 1983 and earlier years, imputed rent is computed by the user cost of capital approach. For 1984 and later years, market data on rents from the Residential Finance Survey and dwelling values from the Farm Costs and Returns Survey are used to compute the rental value of onfarm dwellings. 3/ Data excludes inventory adjustment.



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Table 11--Noncash production expenses, 1945-90

Year	Capital consumption 1/						Perqui- sites to hired labor 2/	Total noncash expenses	
	Depreciation 3/		Accidental damages		Total			Including operator dwelling	Excluding operator dwelling
	Including operator dwelling	Excluding operator dwelling	Including operator dwelling	Excluding operator dwelling	Including operator dwelling	Excluding operator dwelling			
	dwelling	dwelling	dwelling	dwelling	dwelling	dwelling		dwelling	dwelling
Million dollars									
1945	1,222	1,032	88	40	1,310	1,072	347	1,657	1,419
1946	1,096	889	93	42	1,189	931	377	1,566	1,308
1947	1,432	1,167	121	70	1,553	1,237	409	1,962	1,646
1948	1,865	1,570	137	77	2,002	1,647	432	2,434	2,079
1949	2,250	1,961	115	61	2,365	2,022	388	2,753	2,410
1950	2,530	2,228	135	73	2,665	2,301	360	3,025	2,661
1951	2,937	2,597	210	115	3,147	2,712	362	3,509	3,074
1952	3,182	2,831	144	80	3,326	2,911	345	3,671	3,256
1953	3,300	2,941	154	88	3,454	3,029	329	3,783	3,358
1954	3,372	3,008	209	121	3,581	3,129	300	3,881	3,429
1955	3,460	3,078	240	141	3,700	3,219	279	3,979	3,498
1956	3,586	3,188	137	81	3,723	3,269	274	3,997	3,543
1957	3,738	3,327	175	103	3,913	3,430	277	4,190	3,707
1958	3,863	3,443	148	87	4,011	3,530	276	4,287	3,806
1959	4,093	3,643	158	93	4,251	3,736	295	4,546	4,031
1960	4,173	3,690	164	83	4,337	3,773	305	4,642	4,078
1961	4,225	3,720	163	82	4,388	3,802	322	4,710	4,124
1962	4,361	3,830	169	85	4,530	3,915	332	4,862	4,247
1963	4,502	3,946	194	97	4,696	4,043	342	5,038	4,385
1964	4,669	4,085	234	116	4,903	4,201	332	5,235	4,533
1965	4,867	4,239	244	121	5,111	4,360	322	5,433	4,682
1966	5,196	4,531	188	95	5,384	4,626	317	5,701	4,943
1967	5,569	4,861	212	106	5,781	4,967	306	6,087	5,273
1968	5,987	5,241	213	107	6,200	5,348	305	6,505	5,653
1969	6,312	5,524	262	131	6,574	5,655	314	6,888	5,969
1970	6,689	5,785	215	105	6,904	5,890	337	7,241	6,227
1971	7,192	6,222	224	109	7,416	6,331	338	7,754	6,669
1972	7,650	6,598	259	123	7,909	6,721	350	8,259	7,071
1973	8,622	7,389	324	151	8,946	7,540	396	9,342	7,936
1974	10,296	8,813	244	115	10,540	8,928	463	11,003	9,391
1975	12,021	10,450	333	154	12,354	10,604	500	12,854	11,104
1976	13,453	11,644	325	150	13,778	11,794	567	14,345	12,361
1977	15,175	13,020	318	146	15,493	13,166	598	16,091	13,764
1978	16,608	14,188	355	160	16,963	14,348	519	17,482	14,867
1979	18,940	16,117	405	180	19,345	16,297	561	19,906	16,858
1980	20,795	17,550	679	297	21,474	17,847	579	22,053	18,426
1981	22,818	19,281	755	331	23,573	19,612	555	24,128	20,167
1982	23,345	19,662	843	387	24,189	20,049	530	24,718	20,579
1983	22,863	19,408	895	395	23,758	19,803	524	24,282	20,327
1984	20,300	18,955	547	396	20,847	19,351	579	21,426	19,931
1985	18,765	17,465	534	388	19,299	17,853	538	19,836	18,391
1986	17,266	15,989	522	379	17,788	16,368	436	18,224	16,804
1987	16,220	14,862	520	367	16,740	15,229	502	17,242	15,731
1988	16,549	15,040	525	356	17,075	15,396	486	17,561	15,882
1989	17,016	15,439	536	359	17,553	15,798	469	18,021	16,267
1990	17,022	15,433	523	345	17,545	15,778	514	18,059	16,292

1/ A new computational procedure for depreciation and accidental damage on operator dwellings was implemented for 1984 and later years. The revised depreciation rate is lower than the previous rate. 2/ Includes cash expenses for insurance and retirement plans before 1978. 3/ See table 29 for estimates by type of capital item.

Table 12--Financial indicators of the farm sector, 1945-90 1/

Year	Income ratios								
	Net farm	Net cash	Government	Cash	Operating	Cash	Interest	Interest	Times
	income	income	payments	receipts	expenses	expenses	expenses	expenses	
	to gross	to gross	to gross	to gross	to total	to total	to gross	to total	
	farm	cash farm	farm	farm	production	production	cash farm	production	
	income	income 2/	income	income	expenses	expenses	income	expenses	3/
	Percent								
									Number
1945	48.5	50.6	2.9	85.4	74.6	87.3	1.7	3.0	34.0
1946	51.0	51.1	2.6	83.9	75.1	89.2	1.6	2.8	40.0
1947	47.4	51.2	1.0	91.5	75.5	88.5	1.5	2.6	37.6
1948	48.5	47.8	0.7	82.9	75.2	87.0	1.6	2.6	38.6
1949	41.5	46.9	0.6	90.4	72.8	84.7	1.9	3.0	26.3
1950	41.2	44.2	0.9	86.0	72.2	84.5	2.1	3.1	25.4
1951	41.6	44.6	0.7	85.8	72.3	84.3	2.1	3.1	25.4
1952	39.6	43.3	0.7	86.2	71.3	83.9	2.3	3.4	21.8
1953	37.7	45.1	0.6	90.0	69.7	82.4	2.5	3.6	19.1
1954	36.2	42.3	0.8	87.3	69.7	82.2	2.6	3.6	18.0
1955	33.8	40.8	0.7	88.1	69.6	82.1	2.8	3.8	15.7
1956	33.1	41.5	1.6	89.5	69.5	82.4	2.9	4.0	14.6
1957	31.9	38.6	2.9	85.4	69.8	82.3	3.2	4.1	13.6
1958	33.8	39.8	2.8	85.9	70.7	83.4	3.1	4.2	14.3
1959	28.3	36.2	1.8	88.8	70.6	83.3	3.5	4.5	10.9
1960	29.1	36.6	1.8	88.1	69.5	83.0	3.9	4.9	10.5
1961	29.5	37.0	3.7	86.7	69.3	83.5	3.9	5.0	10.5
1962	28.5	35.6	4.1	86.1	69.5	83.9	4.1	5.2	9.8
1963	27.1	34.4	3.9	86.4	69.0	84.1	4.4	5.5	8.7
1964	24.8	35.0	5.2	88.2	67.7	83.5	4.8	6.0	7.4
1965	27.7	34.8	5.3	84.6	67.4	83.9	5.0	6.2	8.0
1966	27.7	36.2	6.5	86.1	67.8	84.4	5.0	6.4	7.8
1967	24.4	32.5	6.1	84.8	67.6	84.1	5.6	6.8	6.6
1968	23.8	33.0	6.7	85.2	66.4	83.5	5.8	7.1	6.2
1969	25.3	34.5	6.7	85.4	66.4	83.6	5.8	7.3	6.5
1970	24.4	33.5	6.3	85.9	66.4	83.7	6.2	7.6	6.0
1971	24.2	31.9	5.1	84.9	66.6	83.5	6.3	7.6	6.0
1972	27.3	35.3	5.6	85.9	65.9	84.0	5.9	7.5	6.8
1973	34.7	39.8	2.6	87.8	67.0	85.5	5.2	7.2	9.0
1974	27.8	37.1	0.5	94.0	67.0	84.5	6.1	8.0	6.3
1975	25.4	32.6	0.8	88.4	65.4	82.9	7.0	8.5	5.5
1976	19.6	30.8	0.7	92.7	66.0	82.7	7.6	8.9	4.2
1977	18.3	28.1	1.7	88.5	65.0	81.9	8.6	9.6	3.8
1978	19.6	28.2	2.4	87.5	66.3	83.1	8.7	9.9	3.8
1979	18.2	24.7	0.9	87.3	65.6	83.9	9.7	10.6	3.4
1980	10.8	23.9	0.9	93.6	64.2	83.4	11.3	12.2	2.2
1981	16.2	22.4	1.2	85.1	61.4	82.7	13.6	14.2	2.6
1982	14.5	25.2	2.1	86.9	60.4	82.4	14.4	15.6	2.3
1983	9.3	25.4	6.0	88.9	60.7	82.6	14.2	15.4	1.9
1984	15.5	24.0	5.0	85.0	61.6	84.9	13.5	14.9	2.4
1985	17.8	29.9	4.8	89.4	62.1	85.0	11.8	14.1	2.8
1986	19.9	31.3	7.6	86.7	64.0	85.4	10.8	13.2	3.2
1987	23.6	33.5	9.9	84.2	65.9	86.6	9.1	11.6	4.0
1988	23.3	33.4	8.3	86.6	67.1	86.9	8.5	11.0	4.1
1989	26.3	33.0	5.7	84.5	67.7	87.1	8.2	10.5	4.8
1990	26.1	33.2	4.8	87.1	68.2	87.5	7.8	10.0	4.9

See footnotes at end of table.

continued-

Table 12--Financial indicators of the farm sector, 1945-90 1/--continued

Year	Income/wealth ratios					Wealth ratios					Deflators	
	Financial : leverage ratio 4/	Net farm income : to equity	Net cash income : total debt 2/	Net cash income : to equity 2/	Fixed asset turnover 5/	Debt to total assets	Debt to equity	Real estate debts to real estate assets	Real estate debts to total debt	Real estate assets to total assets	GNP implicit price	Consumer price index
-----Percent-----											1982=100	1982-84=100
1945	98.7	13.0	168.8	15.2	32.9	7.4	8.0	7.9	62.4	59.1	15.7	18.0
1946	102.6	13.9	177.7	15.4	33.5	7.2	7.7	7.1	58.7	59.0	19.4	19.5
1947	101.2	13.0	189.5	16.5	36.6	7.2	7.7	6.9	55.3	57.6	22.1	22.3
1948	103.4	14.4	161.0	15.2	35.1	7.7	8.3	7.0	51.8	57.1	23.6	24.1
1949	94.7	10.7	138.3	14.1	31.9	8.2	9.0	7.4	52.0	57.5	23.5	23.8
1950	98.9	9.7	116.9	11.5	27.6	8.0	8.7	6.9	50.0	58.0	23.9	24.1
1951	100.5	10.2	117.9	12.0	28.5	8.3	9.0	6.8	47.5	58.0	25.1	26.0
1952	97.5	9.8	107.0	11.9	27.7	9.0	9.8	7.3	48.6	59.9	25.5	26.5
1953	92.4	8.8	109.0	12.2	26.4	9.0	9.8	7.9	53.3	60.7	25.9	26.7
1954	91.5	8.1	92.8	10.7	24.6	9.2	10.2	8.1	53.5	61.2	26.3	26.9
1955	82.4	7.2	80.5	10.0	23.1	9.8	10.9	8.4	53.4	62.5	27.2	26.8
1956	81.5	6.8	81.2	9.9	22.3	9.8	10.8	8.5	55.3	63.7	28.1	27.2
1957	81.6	6.4	69.2	8.7	20.8	10.0	11.2	8.5	54.1	64.1	29.1	28.1
1958	92.7	7.1	72.5	9.2	21.8	10.2	11.4	8.5	52.4	63.5	29.7	28.9
1959	70.1	5.7	58.6	8.2	20.9	11.2	12.6	8.8	51.3	65.6	30.4	29.1
1960	78.7	6.1	57.0	8.4	21.0	11.8	13.4	9.2	51.8	66.5	30.9	29.6
1961	85.9	6.3	56.6	8.7	20.9	12.2	14.0	9.6	52.4	67.0	31.2	29.9
1962	84.7	6.1	51.4	8.5	20.8	13.0	15.0	10.1	51.8	67.1	31.9	30.2
1963	82.2	5.8	45.9	8.1	20.4	13.9	16.1	10.6	51.9	68.3	32.4	30.6
1964	74.8	5.1	43.4	8.1	19.3	14.6	17.1	11.2	53.6	69.7	32.9	31.0
1965	87.4	5.8	41.0	7.9	19.0	15.1	17.8	11.7	54.0	69.6	33.8	31.5
1966	89.1	6.1	43.5	8.8	19.9	15.7	18.6	12.1	53.9	69.8	35.0	32.4
1967	76.4	5.1	35.7	7.4	18.5	16.0	19.1	12.5	54.7	70.2	35.9	33.4
1968	70.8	4.9	36.2	7.5	18.2	16.0	19.0	13.1	57.5	70.2	37.7	34.8
1969	78.0	5.5	39.1	8.2	19.3	16.2	19.4	13.5	58.1	69.7	39.8	36.7
1970	73.2	5.3	37.7	8.0	19.5	16.3	19.4	13.6	57.8	69.2	42.0	38.8
1971	75.0	5.1	33.9	7.3	19.0	16.4	19.6	13.4	56.3	68.8	44.4	40.5
1972	88.4	5.9	39.5	8.2	19.8	16.1	19.2	13.2	55.8	68.4	46.5	41.8
1973	101.7	8.5	53.2	10.3	23.3	15.2	18.0	12.1	54.6	68.9	49.5	44.4
1974	86.8	6.3	45.9	9.3	21.8	15.9	18.9	12.2	55.0	72.0	54.0	49.3
1975	78.0	5.2	34.8	7.0	18.4	15.8	18.7	11.8	54.5	72.7	59.3	53.8
1976	47.6	3.6	31.1	6.0	16.7	15.5	18.3	11.1	53.7	74.8	63.1	56.9
1977	30.2	3.2	25.1	5.2	15.2	16.2	19.3	11.5	53.8	75.7	67.3	60.6
1978	50.0	3.5	26.0	5.2	15.3	15.8	18.8	11.1	53.3	76.1	72.2	65.2
1979	47.4	3.3	22.0	4.5	15.5	16.2	19.4	11.3	53.4	76.7	78.6	72.6
1980	-46.0	1.8	20.5	4.2	14.9	16.4	19.6	11.5	54.6	78.1	85.7	82.4
1981	16.2	3.0	18.0	4.1	15.0	17.9	21.9	12.6	54.9	78.2	94.0	90.9
1982	1.9	2.8	20.2	5.0	15.6	19.2	23.8	13.6	54.8	77.5	100.0	96.5
1983	-80.3	1.7	20.1	5.1	14.8	19.4	24.1	13.7	55.1	77.9	103.9	99.6
1984	30.7	3.4	19.3	5.6	17.3	20.9	26.5	15.3	55.0	75.3	107.7	103.9
1985	52.0	4.1	26.5	7.9	19.3	21.0	26.7	16.1	56.3	73.6	110.9	107.6
1986	56.8	4.5	30.5	8.4	19.4	19.7	24.5	15.6	57.5	72.3	113.8	109.6
1987	74.5	5.2	38.3	8.8	19.1	16.9	20.3	13.3	57.1	72.3	117.4	113.6
1988	73.4	5.0	41.2	8.6	19.5	15.5	18.4	12.1	55.8	71.8	121.3	118.3
1989	82.0	6.0	43.3	8.7	20.6	15.0	17.6	11.6	55.1	71.0	126.3	124.0
1990	81.3	6.0	45.3	8.9	21.4	14.6	17.0	11.2	54.0	70.5	131.5	130.7

1/ Except where noted in footnote 2, all ratios include operator households. 2/ Excludes operator households. 3/ The ratio of the sum is net farm income, taxes paid, and interest paid, divided by interest paid. 4/ The financial leverage ratio is the rate of return to equity from current income divided by the rate of return to assets from current income. 5/ This is the ratio of cash receipts to the value of land, buildings, and machinery.



Table 13--Leading commodities for cash receipts, 1990

Ranking of items	:	Value of	:	Percent	:	Cumulative	:	Rank
	:	farm	:	of	:	percent 1/	:	in prior
	:	marketings	:	total	:		:	year
	:		:		:		:	
	:	1,000 dollars	:		:	Percent	:	
	:		:		:		:	
All commodities	:	169,987,155	:	100.0	:	na	:	na
Livestock and products	:	89,623,454	:	52.7	:	na	:	1
Crops	:	80,363,701	:	47.2	:	na	:	2
	:		:		:		:	
1 Cattle and calves	:	39,748,038	:	23.3	:	23.3	:	1
2 Dairy products	:	20,199,406	:	11.8	:	35.2	:	2
3 Corn	:	13,715,563	:	8.0	:	43.3	:	3
4 Hogs	:	11,516,367	:	6.7	:	50.1	:	5
5 Soybeans	:	10,887,473	:	6.4	:	56.5	:	4
	:		:		:		:	
6 Broilers	:	8,366,284	:	4.9	:	61.4	:	6
7 Greenhouse and nursery	:	8,145,255	:	4.7	:	66.2	:	7
8 Wheat	:	6,771,523	:	3.9	:	70.2	:	8
9 Cotton	:	5,233,786	:	3.0	:	73.2	:	9
10 Chicken eggs	:	4,043,662	:	2.3	:	75.6	:	10
	:		:		:		:	
11 Hay	:	3,357,146	:	1.9	:	77.6	:	11
12 Tobacco	:	2,735,975	:	1.6	:	79.2	:	12
13 Potatoes	:	2,678,594	:	1.5	:	80.8	:	13
14 Turkeys	:	2,383,179	:	1.4	:	82.2	:	14
15 Oranges	:	1,706,642	:	1.0	:	83.2	:	17
	:		:		:		:	
16 Grapes	:	1,667,893	:	0.9	:	84.2	:	15
17 Tomatoes	:	1,622,497	:	0.9	:	85.1	:	16
18 Peanuts	:	1,259,778	:	0.7	:	85.9	:	19
19 Apples	:	1,159,062	:	0.6	:	86.5	:	20
20 Sugar beets	:	1,157,012	:	0.6	:	87.2	:	21
	:		:		:		:	
21 Rice	:	1,089,388	:	0.6	:	87.9	:	23
22 Sorghum grain	:	1,038,150	:	0.6	:	88.5	:	18
23 Cane for sugar	:	856,796	:	0.5	:	89.0	:	24
24 Lettuce	:	846,973	:	0.5	:	89.5	:	22
25 Barley	:	768,269	:	0.4	:	89.9	:	25

na = not applicable. 1/ The cumulative percentage is the sum of the "percent of total" for each commodity and all preceding commodities.

Table 14--Cash receipts from farm marketings, selected commodities, 1985-90 1/

Commodity	1985	1986	1987	1988	1989	1990
1,000 dollars						
All commodities	144,114,445	135,302,667	141,758,650	151,082,422	160,892,528	169,987,155
Livestock and products	69,821,819	71,553,479	75,994,185	79,437,240	84,131,046	89,623,454
Cattle and calves	29,002,305	28,865,105	33,583,275	36,809,614	36,894,270	39,748,038
Dairy products	18,054,865	17,723,533	17,726,646	17,641,375	19,395,992	20,199,406
Hogs	9,033,241	9,734,409	10,336,628	9,206,537	9,474,956	11,516,367
Broilers 2/	5,668,272	6,784,090	6,177,126	7,435,106	8,777,668	8,366,284
Farm chickens	151,683	127,734	111,827	95,350	138,441	94,564
Chicken eggs	3,262,192	3,543,234	3,209,289	3,066,845	3,861,538	4,043,662
Turkeys 2/	1,819,596	1,948,697	1,703,142	1,951,399	2,234,424	2,383,179
Sheep and lambs	514,439	481,266	558,065	475,783	487,387	412,408
Horses and mules	560,000	500,000	540,000	540,000	524,000	490,000
Aquaculture	204,604	229,800	289,872	324,150	406,526	460,465
Crops	74,292,626	63,749,188	65,764,465	71,645,182	76,761,482	80,363,701
Field crops	50,441,724	38,531,344	37,639,111	41,894,748	44,628,440	47,364,371
Rice	1,042,113	738,390	706,783	1,088,168	941,518	1,089,388
Rye	39,321	27,612	25,099	22,333	19,306	15,387
Wheat	7,909,063	4,975,434	5,044,246	6,356,226	7,285,810	6,771,523
Barley	1,038,891	834,853	753,710	861,704	764,960	768,269
Corn	16,879,679	12,314,756	9,923,758	8,927,760	11,388,225	13,715,563
Hay	2,389,688	2,246,327	2,533,284	3,132,027	3,395,376	3,357,146
Oats	298,283	177,928	260,136	304,768	267,593	231,723
Grain sorghum	1,980,742	1,331,549	1,100,171	1,068,388	1,240,077	1,038,150
Cotton lint	3,389,122	3,108,377	3,792,324	3,944,036	4,596,971	4,628,107
Cottonseed	297,380	262,811	396,811	602,395	443,473	605,679
Tobacco	2,698,546	1,893,884	1,815,512	2,082,935	2,414,679	2,735,975
Flaxseed	40,038	45,814	24,228	17,270	8,985	18,002
Peanuts	1,004,667	1,073,789	1,027,471	1,115,738	1,116,971	1,259,778
Soybeans	11,161,473	9,235,105	10,017,035	12,138,300	10,524,005	10,887,473
Sunflower/safflower	242,137	253,689	210,657	223,803	211,883	228,627
Vegetables and melons	8,571,814	8,864,993	9,902,367	9,786,580	11,461,170	11,533,120
Dry beans	439,058	436,621	444,040	421,353	688,282	674,915
Dry peas	12,981	42,585	36,641	46,451	50,613	41,549
Potatoes	1,601,253	1,377,302	1,707,248	1,625,320	2,334,426	2,678,594
Sweetpotatoes	142,656	141,638	133,144	141,751	130,396	108,379
Taro	1,573	1,462	1,676	1,904	1,996	2,262
Asparagus	137,476	136,969	135,704	146,435	149,779	148,380
Snap beans	166,723	150,309	170,583	166,353	228,156	204,650
Beets	1,683	1,442	1,679	1,580	1,767	2,219
Broccoli	239,345	239,739	239,548	292,240	276,050	268,220
Cabbage	120,767	105,736	104,132	70,147	78,585	121,134
Cauliflower	169,133	191,863	187,555	202,113	204,840	190,350
Carrots	206,429	334,617	248,303	267,565	297,227	272,743
Celery	189,527	211,065	198,833	230,762	268,266	214,501
Sweet corn	367,529	359,742	371,539	360,266	468,393	466,952
Cucumbers	181,476	170,072	187,808	195,714	203,195	215,719
Eggplant	9,951	12,885	12,939	13,531	14,216	15,715
Escarole	17,033	17,470	15,478	15,457	12,646	10,913
Lettuce	675,237	757,970	1,003,213	1,040,366	950,278	846,973
Onions	371,798	414,544	535,847	498,437	538,137	550,766
Green peas	137,857	93,781	98,614	73,166	119,963	131,494
Green peppers	104,788	116,511	181,626	103,361	121,315	150,182
Spinach	22,473	17,954	16,113	3,225	4,241	12,249
Tomatoes	1,198,246	1,264,914	1,465,832	1,415,288	1,824,014	1,622,497
Cantaloups	189,745	232,100	187,075	203,391	209,088	182,314
Honeydew melons	58,055	69,132	69,293	75,341	62,334	81,636
Watermelons	89,794	99,002	120,653	73,251	54,337	123,849

See footnotes at end of table.

continued--

Table 14--Cash receipts from farm marketings, selected commodities, 1985-90--continued 1/

Commodity	1985	1986	1987	1988	1989	1990
1,000 dollars						
Crops--continued						
Fruits and nuts	6,946,379	7,251,672	8,062,260	9,203,938	9,256,688	9,305,804
Grapefruit	319,160	357,911	407,827	471,401	439,939	317,456
Lemons	236,889	156,660	226,195	188,290	223,450	277,938
Limes	21,760	22,547	23,580	20,778	21,187	36,051
Oranges	1,404,301	1,184,492	1,363,227	1,825,064	1,777,476	1,706,642
Tangelos	26,555	18,401	28,115	35,203	24,776	23,538
Tangerines	63,123	59,335	76,885	91,556	78,114	83,651
Apples	892,446	927,286	1,060,113	1,108,596	1,114,230	1,159,062
Apricots	28,137	21,987	37,113	33,927	40,222	41,225
Avocados	138,896	163,250	120,168	213,403	221,286	215,617
Cherries	163,770	156,859	181,422	189,105	172,612	149,395
Dates	23,236	17,208	15,612	18,795	22,119	21,360
Figs	9,953	14,173	17,336	19,712	18,341	15,082
Grapes	960,515	1,177,269	1,361,843	1,599,571	1,866,480	1,667,893
Nectarines	68,723	75,720	65,545	78,861	79,645	99,940
Olives	54,336	66,231	42,188	45,325	57,441	64,321
Peaches	295,149	314,926	311,271	382,127	363,536	365,443
Pears	193,084	198,360	195,742	218,359	251,811	266,091
Pineapples	90,530	99,720	99,286	107,402	98,310	99,255
Plums and prunes	195,734	199,876	206,819	254,966	251,946	293,201
Pomegranates	5,529	7,666	5,617	6,454	4,906	4,906
Coffee	4,675	8,700	4,860	6,600	12,480	7,020
Bananas	2,472	2,910	3,386	4,356	4,344	4,204
Papayas	8,579	11,123	11,050	12,354	14,380	14,805
Kiwi fruit	16,667	24,102	18,886	22,420	14,800	14,110
Cranberries	189,959	165,086	147,798	186,353	164,720	147,176
Strawberries	450,819	503,641	554,178	536,121	519,739	560,409
Blueberries	43,396	42,132	54,512	72,428	58,278	65,229
Raspberries	18,993	25,232	25,281	25,248	31,442	18,757
Blackberries	17,340	17,956	13,849	13,298	10,952	15,397
Other berries 3/	104,067	111,436	115,105	130,778	139,289	139,046
Almonds	360,640	461,568	648,000	600,075	480,930	591,560
Filberts	16,596	10,967	20,902	14,082	10,664	17,799
Pecans	163,106	196,649	140,169	166,562	178,636	247,969
Walnuts	174,762	194,400	243,048	193,743	245,030	235,400
Macadamia nuts	30,450	35,200	35,868	40,950	44,945	41,000
Pistachios	37,127	83,888	45,347	114,680	64,350	128,620
Other crops	8,332,709	9,101,179	10,160,727	10,759,916	11,415,184	12,160,406
Sugarbeets	774,249	902,199	1,024,620	1,021,912	1,038,436	1,157,012
Sugarcane	716,964	742,152	802,909	854,265	879,373	856,796
Alfalfa seed	50,899	48,145	49,105	50,352	65,923	78,574
Bentgrass	5,704	5,755	7,731	10,992	15,655	16,712
Bluegrass-Kentucky	10,680	13,830	19,728	21,122	24,931	20,896
Crimson clover	2,339	1,710	1,754	2,549	2,929	3,866
Fescue	23,153	35,294	42,278	63,647	54,663	64,713
Orchardgrass	9,538	12,019	13,964	12,423	9,115	7,975
Red clover	7,762	7,102	6,283	7,686	9,103	5,617
Ryegrass	54,066	59,123	72,425	100,837	102,836	90,333
Sorghum Sudan crosses	10,000	6,000	6,000	8,000	6,000	7,000
Other seed	186,071	203,156	266,320	253,897	204,137	210,074
Hops	98,534	87,257	75,578	80,571	86,736	87,381
Mint	71,555	76,614	77,552	107,706	111,581	114,800
Other field crops	394,095	410,616	404,054	441,926	491,702	543,940
Maple products	18,470	16,249	16,128	23,458	24,116	20,504
Mushrooms	490,648	490,560	518,894	572,678	629,918	666,698
Greenhouse/nursery	5,407,382	5,983,052	6,755,300	7,068,562	7,601,102	8,145,255

1/ Includes Commodity Credit Corporation loans made minus loans repaid, but excludes loans liquidated (forfeited or charged off). Includes major commodity income estimates for which USDA publishes State production statistics, plus minor States for which production estimates are not published and minor commodities for which no production estimates are published. Adjustments are also made in "Other" categories for commodities for which publication may violate confidentiality rules. 2/ Includes value of home consumption. 3/ Includes all berries for which USDA does not estimate individual values of production.



Table 15--Cash receipts from farm marketings of livestock and products, 1945-90

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Broilers	Turkeys	Chicken eggs	Other poultry 1/	Other livestock 2/	Total 3/
Million dollars										
1945	3,318	2,263	319	3,021	1,004	241	1,518	54	270	12,008
1946	3,761	2,917	363	3,709	928	269	1,508	49	282	13,786
1947	4,967	3,926	402	4,013	870	238	1,813	36	262	16,527
1948	5,285	3,660	409	4,389	948	257	1,884	46	251	17,129
1949	4,849	3,125	351	3,748	939	256	1,857	58	226	15,409
1950	5,680	3,214	387	3,719	946	262	1,579	52	266	16,105
1951	7,005	3,889	466	4,254	1,137	341	2,062	65	400	19,619
1952	6,206	3,464	391	4,567	1,118	342	1,801	69	280	18,238
1953	4,878	3,483	317	4,366	1,136	321	2,073	72	277	16,923
1954	5,088	3,455	325	4,114	1,000	310	1,627	76	281	16,276
1955	5,245	2,694	316	4,217	1,070	325	1,777	52	271	15,967
1956	5,353	2,638	330	4,485	1,023	339	1,834	58	303	16,363
1957	5,944	3,062	330	4,628	1,024	314	1,682	56	336	17,376
1958	7,322	3,367	358	4,557	1,147	314	1,833	59	270	19,227
1959	7,834	2,784	334	4,604	1,045	345	1,545	56	357	18,904
1960	7,380	2,869	325	4,760	1,016	371	1,738	168	362	18,989
1961	7,560	3,152	297	4,932	947	356	1,750	159	360	19,513
1962	8,182	3,162	319	4,860	1,049	352	1,703	159	374	20,158
1963	8,113	3,033	312	4,861	1,063	377	1,747	157	383	20,047
1964	7,785	3,034	318	5,027	1,070	383	1,770	158	403	19,947
1965	8,942	3,608	329	5,038	1,217	421	1,785	160	387	21,886
1966	10,430	4,169	334	5,533	1,371	486	2,106	183	415	25,027
1967	10,550	3,809	302	5,742	1,223	460	1,765	175	358	24,383
1968	11,264	3,795	315	5,957	1,326	417	1,893	162	359	25,487
1969	12,572	4,742	343	6,196	1,531	454	2,212	180	343	28,573
1970	13,633	4,478	334	6,527	1,464	499	2,109	177	313	29,532
1971	14,986	4,112	323	6,812	1,494	501	1,782	175	294	30,479
1972	18,237	5,317	354	7,136	1,647	539	1,800	197	359	35,583
1973	22,336	7,529	390	8,090	2,739	936	2,947	288	517	45,772
1974	17,844	6,947	369	9,454	2,456	679	2,854	230	493	41,326
1975	17,520	7,916	386	9,923	2,953	794	2,814	250	534	43,089
1976	19,294	7,488	393	11,428	2,918	825	3,135	277	565	46,323
1977	20,225	7,281	386	11,752	3,103	910	2,919	280	778	47,635
1978	28,248	8,754	453	12,724	3,715	1,156	2,939	300	873	59,162
1979	35,025	9,058	470	14,642	4,026	1,216	3,329	352	1,117	69,236
1980	31,819	8,943	471	16,365	4,303	1,273	3,247	337	1,233	67,991
1981	29,538	9,794	416	18,095	4,646	1,248	3,648	407	1,358	69,151
1982	29,813	10,659	445	18,234	4,461	1,255	3,439	365	1,588	70,258
1983	28,861	9,790	423	18,748	4,873	1,269	3,451	388	1,804	69,606
1984	30,589	9,701	460	17,931	6,020	1,655	4,110	459	1,968	72,895
1985	29,002	9,033	514	18,055	5,668	1,820	3,262	458	2,008	69,822
1986	28,865	9,734	481	17,724	6,784	1,949	3,543	425	2,048	71,553
1987	33,583	10,337	558	17,727	6,177	1,703	3,209	426	2,274	75,994
1988	36,810	9,207	476	17,641	7,435	1,951	3,067	414	2,436	79,437
1989	36,894	9,475	487	19,396	8,778	2,234	3,862	498	2,507	84,131
1990	39,748	11,516	412	20,199	8,366	2,383	4,044	477	2,477	89,623

1/ Farm chickens, ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. 2/ Wool, horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals. 3/ Components may not add due to rounding.

Table 16--Cash receipts from farm marketings of crops, 1945-90

Year	Food grains	Feed crops	Cotton lint and seed	Oil crops	Tobacco	Fruits and tree nuts 1/	Vegetables 2/	Other 3/	Total 4/
Million dollars									
1945	1,563	1,509	1,208	615	898	1,498	1,611	753	9,655
1946	1,841	1,679	1,473	715	969	1,759	1,591	989	11,016
1947	2,753	2,265	2,245	917	1,032	1,199	1,632	1,050	13,093
1948	2,629	2,026	2,553	1,053	945	1,128	1,712	1,052	13,098
1949	2,255	2,161	2,637	854	903	929	1,616	1,041	12,396
1950	1,941	2,143	2,434	935	1,061	1,188	1,436	1,218	12,356
1951	2,004	2,091	2,858	986	1,190	1,157	1,728	1,225	13,239
1952	2,558	2,271	2,976	1,081	1,091	1,097	2,023	1,193	14,290
1953	2,456	2,397	3,179	959	1,094	1,197	1,662	1,134	14,078
1954	2,327	2,549	2,702	942	1,161	1,220	1,548	1,107	13,556
1955	1,990	2,555	2,580	1,131	1,225	1,276	1,683	1,083	13,523
1956	2,148	2,648	2,500	1,155	1,162	1,358	1,873	1,194	14,038
1957	1,868	2,395	1,756	1,181	971	1,292	1,710	1,165	12,338
1958	2,442	2,904	2,138	1,410	1,020	1,394	1,736	1,185	14,229
1959	2,232	2,770	2,686	1,274	1,060	1,514	1,861	1,346	14,743
1960	2,450	2,986	2,361	1,362	1,154	1,529	1,980	1,201	15,023
1961	2,468	2,776	2,469	1,623	1,325	1,610	1,910	1,471	15,650
1962	2,507	2,964	2,552	1,789	1,321	1,578	2,029	1,571	16,310
1963	2,562	3,414	2,838	1,951	1,269	1,678	2,004	1,713	17,430
1964	1,993	3,447	2,521	2,145	1,414	1,801	2,314	1,744	17,378
1965	2,042	3,693	2,330	2,173	1,186	1,650	2,617	1,787	17,479
1966	2,373	4,334	1,588	2,703	1,211	1,747	2,612	1,841	18,409
1967	2,361	4,393	1,095	2,795	1,391	1,817	2,680	1,902	18,434
1968	2,088	4,311	1,316	2,845	1,173	2,043	2,893	2,027	18,696
1969	2,214	4,576	1,364	3,049	1,296	2,171	2,842	2,093	19,606
1970	2,542	5,109	1,254	3,591	1,388	2,071	2,814	2,208	20,977
1971	2,485	5,525	1,487	3,787	1,328	2,305	3,011	2,341	22,269
1972	3,498	5,854	1,842	4,393	1,442	2,558	3,285	2,650	25,523
1973	7,194	10,605	2,798	7,580	1,570	3,445	4,351	3,572	41,114
1974	8,581	13,935	2,893	9,963	2,097	3,441	5,336	4,820	51,065
1975	8,195	12,183	2,311	7,480	2,155	3,563	5,346	4,579	45,813
1976	7,112	13,127	3,477	9,443	2,310	3,714	5,231	4,619	49,032
1977	6,055	11,906	3,470	9,722	2,331	4,603	5,609	4,903	48,600
1978	5,839	11,427	3,538	13,023	2,604	5,764	6,127	4,876	53,198
1979	9,047	14,040	4,330	14,300	2,271	6,462	6,480	5,363	62,293
1980	10,402	18,308	4,447	15,493	2,672	6,557	7,307	6,560	71,746
1981	11,619	17,770	4,055	13,853	3,250	6,603	8,772	6,543	72,465
1982	11,412	17,409	4,457	13,817	3,340	6,804	8,076	6,990	72,303
1983	9,713	15,559	3,705	13,546	2,752	6,056	8,472	7,362	67,165
1984	9,731	16,138	3,674	13,641	2,813	6,734	9,152	8,008	69,889
1985	8,990	22,591	3,687	12,475	2,699	6,946	8,572	8,333	74,293
1986	5,741	16,911	3,371	10,614	1,894	7,252	8,865	9,101	63,749
1987	5,776	14,576	4,189	11,283	1,816	8,062	9,902	10,161	65,764
1988	7,467	14,298	4,546	13,500	2,083	9,204	9,787	10,760	71,645
1989	8,247	17,061	5,040	11,866	2,415	9,257	11,461	11,415	76,761
1990	7,876	19,116	5,234	12,403	2,736	9,306	11,533	12,160	80,364

1/ Includes melons, 1945-48. 2/ Includes melons, 1949 to date. 3/ Sugar crops, floriculture and ornamentals, forest products, mushrooms, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

4/ Components may not add due to rounding.

Table 17--Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1987 1/

Source	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Million dollars													
Total cash received 1/	14,449	12,060	11,922	11,927	11,385	10,127	11,053	10,861	13,853	20,455	16,379	14,033	158,505
Cash receipts 2/	13,148	9,596	9,816	10,274	10,335	9,705	10,036	10,374	13,508	16,269	16,079	12,617	141,759
Livestock and products:	6,156	5,574	6,194	6,435	6,605	5,981	6,367	6,416	6,630	7,010	6,715	5,912	75,994
Meat animals	3,476	3,150	3,575	3,846	3,964	3,414	3,553	3,791	3,980	4,422	3,928	3,379	44,478
Dairy products	1,524	1,388	1,525	1,492	1,544	1,457	1,472	1,454	1,431	1,487	1,439	1,514	17,727
Poultry and eggs	987	902	941	945	942	947	963	1,013	1,011	952	1,039	874	11,516
Other	168	134	153	152	155	163	379	159	207	149	308	145	2,274
Crops	6,993	4,022	3,622	3,839	3,730	3,724	3,669	3,958	6,879	9,260	9,364	6,705	65,764
Food grains	401	254	208	142	223	639	696	675	770	849	433	485	5,776
Feed crops	2,645	1,290	581	521	415	484	466	469	1,101	1,822	3,032	1,750	14,576
Cotton 3/	472	171	84	57	71	68	53	125	472	865	983	769	4,189
Tobacco	164	26	8	13	0	0	7	296	551	210	159	384	1,816
Oil	1,314	599	543	579	509	403	359	306	1,261	2,772	1,754	884	11,283
Vegs. and melons	832	585	968	1,025	1,233	933	706	897	966	917	448	392	9,902
Fruits and nuts	536	461	352	397	440	640	793	618	890	966	1,092	878	8,062
Other	629	636	878	1,105	838	557	590	573	868	859	1,465	1,163	10,161
Government payments	1,301	2,464	2,106	1,653	1,050	422	1,017	487	345	4,186	300	1,417	16,747

1/ Components may not add due to rounding. 2/ Includes receipts from Commodity Credit Corporation loans which represent value of loans minus value of redemptions during the month. 3/ Includes cotton lint and cottonseed.

Table 18--Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1988 1/

Source	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Million dollars													
Total cash received 1/	14,743	10,819	14,162	12,025	12,585	13,348	11,581	11,898	14,471	19,733	15,648	14,550	165,562
Cash receipts 2/	14,076	10,532	10,493	10,145	10,598	11,800	11,245	11,849	14,052	17,075	15,136	14,082	151,082
Livestock and products:	6,621	6,377	6,393	6,296	6,568	6,110	6,247	6,640	7,027	7,592	7,237	6,330	79,437
Meat animals	4,111	4,108	3,855	3,814	3,920	3,433	3,161	3,772	4,075	4,635	4,156	3,452	46,492
Dairy products	1,475	1,347	1,480	1,447	1,502	1,413	1,430	1,433	1,433	1,526	1,520	1,635	17,641
Poultry and eggs	856	776	891	867	973	1,081	1,263	1,265	1,302	1,270	1,241	1,084	12,868
Other	180	146	167	168	174	182	393	170	217	161	320	158	2,436
Crops	7,455	4,155	4,100	3,849	4,030	5,690	4,998	5,209	7,025	9,483	7,899	7,752	71,645
Food grains	521	303	205	197	326	1,491	963	768	769	694	594	637	7,467
Feed crops	2,213	877	642	468	465	1,131	1,170	1,175	1,462	1,837	1,346	1,512	14,298
Cotton 3/	673	448	195	121	108	104	34	63	123	516	717	1,444	4,546
Tobacco	234	30	1	19	0	0	10	417	509	329	312	221	2,083
Oil	1,478	737	740	577	668	765	635	555	1,256	3,193	1,695	1,200	13,500
Vegs. and melons	1,088	515	929	855	1,026	859	660	913	984	959	530	469	9,787
Fruits and nuts	561	569	464	450	551	748	901	696	986	1,036	1,179	1,060	9,204
Other	685	676	924	1,163	885	591	625	621	937	919	1,524	1,210	10,760
Government payments	667	286	3,669	1,879	1,987	1,548	336	49	419	2,658	513	468	14,480

1/ Components may not add due to rounding. 2/ Includes receipts from Commodity Credit Corporation loans which represent value of loans minus value of redemptions during the month. 3/ Includes cotton lint and cottonseed.



Table 19--Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1989 1/

Source	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Million dollars													
Total cash received 1/	14,848	13,233	13,203	12,338	13,029	12,260	12,437	12,791	14,584	19,406	18,864	14,788	171,779
Cash receipts 2/	14,455	10,627	11,857	11,280	11,577	11,700	12,165	12,661	14,330	18,303	17,799	14,139	160,893
Livestock and products:	7,025	6,254	6,927	6,520	6,885	6,477	6,652	6,985	7,321	7,920	8,067	7,097	84,131
Meat animals	4,085	3,559	3,837	3,558	3,682	3,351	3,434	3,867	4,195	4,813	4,667	3,808	46,857
Dairy products	1,572	1,433	1,567	1,532	1,604	1,524	1,561	1,587	1,597	1,715	1,780	1,923	19,396
Poultry and eggs	1,180	1,108	1,347	1,256	1,421	1,413	1,260	1,351	1,308	1,225	1,299	1,203	15,372
Other	188	154	175	174	178	189	396	181	221	167	321	163	2,507
Crops	7,430	4,373	4,930	4,760	4,692	5,223	5,513	5,676	7,009	10,383	9,732	7,041	76,761
Food grains	654	297	338	261	325	1,126	1,478	1,090	626	652	773	628	8,247
Feed crops	1,713	891	1,121	885	964	1,114	1,104	1,219	1,378	2,569	2,422	1,682	17,061
Cotton 3/	786	709	162	90	119	69	141	69	202	607	1,220	868	5,040
Tobacco	371	41	0	14	0	0	20	482	493	392	376	227	2,415
Oil	1,601	513	802	533	463	594	416	415	1,061	2,889	1,628	949	11,866
Vegs. and melons	962	660	1,008	1,231	1,317	974	788	1,068	1,243	1,162	562	488	11,461
Fruits and nuts	610	537	508	499	556	717	901	680	1,017	1,137	1,167	929	9,257
Other	733	725	991	1,248	949	629	666	653	989	976	1,585	1,272	11,415
Government payments	392	2,606	1,345	1,058	1,453	559	272	130	254	1,103	1,066	649	10,887

1/ Components may not add due to rounding. 2/ Includes receipts from Commodity Credit Corporation loans which represent value of loans minus value of redemptions during the month. 3/ Includes cotton lint and cottonseed.

Table 20--Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1990 1/

Source	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Million dollars													
Total cash received 1/	15,807	12,597	14,961	13,544	12,933	12,550	12,947	13,654	14,731	19,577	19,700	16,282	179,285
Cash receipts 2/	15,409	11,525	12,571	12,298	12,281	12,395	12,894	13,756	14,855	19,551	18,033	14,419	169,987
Livestock and products:	7,709	6,853	7,479	6,962	7,334	7,257	7,207	7,766	7,686	8,567	8,002	6,801	89,623
Meat animals	4,479	3,961	4,217	3,913	4,053	4,021	3,787	4,464	4,500	5,509	4,842	3,932	51,677
Dairy products	1,872	1,612	1,739	1,693	1,808	1,748	1,785	1,747	1,653	1,577	1,485	1,482	20,199
Poultry and eggs	1,169	1,124	1,350	1,190	1,300	1,302	1,251	1,371	1,316	1,312	1,362	1,224	15,270
Other	190	157	174	167	173	187	384	184	217	169	313	164	2,477
Crops	7,700	4,671	5,092	5,336	4,947	5,138	5,688	5,990	7,169	10,984	10,031	7,617	80,364
Food grains	737	319	306	317	349	1,051	1,338	884	713	710	680	472	7,876
Feed crops	2,329	1,189	1,266	1,356	1,214	1,301	1,216	1,314	1,361	2,517	2,256	1,795	19,116
Cotton 3/	537	286	198	169	146	84	82	219	245	840	1,426	1,003	5,234
Tobacco	362	53	2	18	0	0	123	492	481	428	413	364	2,736
Oil	1,365	741	835	668	561	401	454	539	1,061	3,122	1,585	1,071	12,403
Vegs. and melons	929	802	975	1,088	1,260	988	861	1,085	1,272	1,189	580	505	11,533
Fruits and nuts	673	521	464	390	407	629	875	756	1,013	1,126	1,378	1,072	9,306
Other	769	759	1,047	1,330	1,011	683	738	702	1,022	1,053	1,713	1,335	12,160
Government payments	398	1,072	2,389	1,246	652	155	52	-101	-123	26	1,667	1,864	9,298

1/ Components may not add due to rounding. 2/ Includes receipts from Commodity Credit Corporation loans which represent value of loans minus value of redemptions during the month. 3/ Includes cotton lint and cottonseed.

Table 21--Commodity Credit Corporation loan placements, by commodity and month, 1986-90 1/

Year and commodity :	Jan. :	Feb. :	Mar. :	Apr. :	May :	June :	July :	Aug. :	Sep. :	Oct. :	Nov. :	Dec. :
Million dollars												
1986 :	2,959.1	800.2	349.1	586.1	-147.5	62.2	278.9	337.4	737.3	2,064.6	3,219.2	3,189.9
Soybeans :	368.4	82.6	37.8	278.7	-247.7	5.2	3.5	1.8	3.2	158.6	541.3	390.2
Corn :	1,610.0	436.8	217.9	203.4	78.4	32.1	41.3	41.8	130.1	917.5	1,917.4	2,232.3
Wheat :	155.4	62.5	35.0	45.2	11.1	5.9	197.2	181.3	282.2	298.2	103.2	36.2
Cotton :	552.3	144.7	30.8	16.4	2.6	15.9	15.0	5.0	41.6	228.0	299.8	295.2
Rice :	111.4	27.3	9.7	23.5	3.0	1.0	1.1	43.0	159.6	320.9	164.2	65.4
Sorghum :	141.1	38.3	12.9	10.3	3.4	1.5	17.5	40.0	37.8	63.0	165.5	161.7
Rye :	.3	.1	.0	.1	.0	.0	.2	1.8	2.9	2.1	.6	.2
Barley :	19.9	7.6	4.6	8.0	1.6	.6	2.9	21.1	77.8	74.8	26.6	8.3
Oats :	.4	.2	.1	.4	.1	.0	.3	1.5	2.2	1.6	.7	.5
1987 :	3,016.0	1,367.9	439.6	411.3	117.6	24.0	71.9	301.7	1,280.4	2,363.7	3,599.8	1,912.1
Soybeans :	268.5	80.6	21.7	20.4	9.0	2.9	1.3	-1.6	15.1	252.2	507.4	204.1
Corn :	2,022.5	988.4	296.0	337.0	101.0	51.2	20.1	32.0	549.4	1,246.7	2,540.5	1,198.9
Wheat :	78.6	34.1	14.4	18.9	3.1	.7	1.8	240.2	341.5	207.4	103.4	54.6
Cotton :	370.6	142.6	67.1	6.6	-1.1	11.6	5.6	.8	17.8	156.7	166.8	228.5
Rice :	77.3	42.2	26.3	15.0	1.5	-44.8	42.9	2.6	145.8	396.6	117.8	107.4
Sorghum :	176.2	72.0	11.4	10.4	2.4	2.2	.2	5.2	146.9	64.4	146.4	110.9
Rye :	.4	.3	.2	.2	.0	.0	.0	1.8	4.6	1.7	1.3	.3
Barley :	21.7	7.6	2.3	2.6	.7	.1	.0	20.6	58.1	37.4	15.8	7.4
Oats :	.3	.2	.0	.0	.0	.0	.0	.1	1.2	.6	.3	.1
1988 :	2,340.5	795.8	239.5	124.0	46.8	32.8	63.9	95.0	295.5	694.6	961.7	1,872.2
Soybeans :	234.4	45.7	19.1	6.9	3.6	1.2	.0	-3.3	4.1	75.2	132.4	173.6
Corn :	1,503.6	370.9	99.0	61.2	24.5	15.0	2.5	3.4	30.9	140.3	303.9	427.2
Wheat :	57.4	43.9	16.9	11.4	4.4	7.9	57.5	67.6	57.3	11.9	6.1	12.1
Cotton :	340.4	284.5	82.9	32.2	10.3	5.3	1.7	6.4	49.8	164.8	270.3	1,064.9
Rice :	68.9	18.0	2.3	1.4	1.1	.0	.4	6.2	136.5	291.0	235.2	170.0
Sorghum :	121.6	25.9	9.5	5.7	2.7	2.7	1.1	4.2	5.4	8.1	12.1	21.2
Rye :	.9	1.3	.5	.1	.0	.0	.0	.2	.1	.0	.0	.0
Barley :	13.2	5.5	9.2	5.1	.2	.6	.6	7.2	11.1	3.1	1.6	3.1
Oats :	.1	.2	.1	.0	.0	.0	.1	.2	.2	.1	.0	.1
1989 :	1,153.0	706.0	140.4	33.3	10.3	12.5	26.0	299.9	165.3	516.9	1,564.6	1,074.1
Soybeans :	117.1	43.9	15.9	4.3	1.7	2.0	.4	-2.5	1.2	155.5	379.9	179.2
Corn :	337.3	49.2	31.1	6.8	2.8	4.0	.8	5.6	18.8	108.5	580.0	378.6
Wheat :	9.3	2.3	2.2	1.5	.2	2.5	21.9	63.6	55.1	24.5	15.8	16.7
Cotton :	607.1	570.0	73.5	5.0	1.2	2.8	2.1	.0	15.7	41.8	288.4	347.9
Rice :	66.2	37.0	16.1	14.7	4.2	.8	.0	221.8	66.0	180.1	288.0	141.0
Sorghum :	13.7	2.7	1.2	.5	.1	.2	.6	1.6	.9	2.7	9.8	7.3
Rye :	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0
Barley :	2.2	.8	.3	.5	.0	.2	.2	8.9	6.9	3.6	2.6	3.2
Oats :	.1	.0	.0	.0	.0	.0	.0	.5	.4	.1	.1	.1
1990 :	773.3	123.9	9.4	16.2	12.6	10.5	64.8	184.6	370.4	641.0	1,331.1	1,155.1
Soybeans :	161.1	27.7	27.2	3.3	1.6	.6	.3	-.1	.7	110.3	336.3	294.4
Corn :	322.4	40.9	-23.3	4.4	2.0	.5	.1	1.2	9.2	77.8	463.8	513.1
Wheat :	14.2	6.3	-10.1	3.3	.3	6.5	63.2	143.0	202.3	66.3	38.7	37.0
Cotton :	185.2	29.0	6.3	1.0	.4	.2	.0	.3	18.3	71.5	191.2	231.2
Rice :	81.6	17.8	12.3	4.0	6.9	1.9	.6	29.8	122.4	306.8	287.6	72.7
Sorghum :	6.4	1.2	-2.5	.0	1.4	.6	.5	.6	.4	3.6	11.6	4.9
Rye :	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
Barley :	2.4	1.0	-.5	.2	.0	.3	.1	9.4	16.6	4.5	1.9	1.7
Oats :	.1	.1	.0	.0	.0	.0	.0	.3	.4	.2	.0	.1

1/ Payments received by farmers for commodities placed under nonrecourse Commodity Credit Corporation loans.

Table 22--Commodity Credit Corporation loan redemptions, by commodity and month, 1986-90 1/

Year and commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Million dollars												
1986	230.3	186.3	287.7	402.6	469.3	520.8	739.1	640.7	692.3	654.2	595.8	707.7
Soybeans	99.9	89.3	128.4	163.1	124.0	101.9	122.8	89.3	42.1	18.1	10.5	16.8
Corn	54.6	40.2	39.4	43.6	98.9	192.0	279.5	191.4	225.0	233.0	257.6	248.3
Wheat	39.0	21.2	25.2	52.9	59.6	62.8	80.0	57.1	58.6	121.3	100.7	69.8
Cotton	20.1	23.8	74.0	85.7	63.7	94.5	121.4	250.7	275.8	141.1	120.7	292.9
Rice	9.2	7.0	15.8	48.0	101.7	45.4	106.4	34.1	67.5	108.7	76.0	57.6
Sorghum	1.9	1.1	1.4	3.3	14.5	12.1	12.6	8.4	13.7	10.7	7.5	8.7
Rye	.2	.0	.0	.0	.2	.2	.2	.1	.4	.7	.5	.1
Barley	5.3	3.5	3.3	5.9	6.7	11.7	15.8	9.4	9.0	20.3	21.8	12.9
Oats	.1	.1	.1	.1	.2	.2	.3	.1	.3	.3	.5	.5
1987	972.0	1,564.6	1,177.9	1,723.9	1,399.9	969.7	534.5	800.1	1,382.5	1,519.1	1,393.0	1,298.0
Soybeans	38.0	112.1	65.6	199.6	175.1	128.7	59.5	151.3	181.7	120.3	50.8	77.2
Corn	453.8	898.4	694.6	1,039.5	833.3	583.3	294.2	385.9	658.1	667.3	941.0	782.2
Wheat	95.8	171.2	123.2	166.9	148.1	136.5	23.1	89.6	128.3	119.6	112.5	130.9
Cotton	280.5	198.7	163.1	167.1	150.9	123.4	103.5	78.1	214.1	130.4	65.1	117.8
Rice	53.1	99.4	91.5	88.6	49.4	-32.6	45.2	69.0	128.0	425.4	124.0	83.2
Sorghum	28.7	53.5	22.0	37.6	29.7	16.6	5.5	17.5	62.0	43.7	88.6	91.5
Rye	.2	.8	.5	.4	.3	.4	.0	.8	1.3	.7	.9	.2
Barley	21.2	29.6	16.8	23.3	12.4	12.6	3.1	7.8	8.7	11.5	9.9	14.7
Oats	.7	.8	.7	.9	.6	.8	.2	.2	.3	.4	.3	.4
1988	1,506.1	1,273.5	1,257.9	1,156.0	771.5	1,933.7	1,185.3	1,279.5	964.7	375.6	373.2	683.8
Soybeans	156.7	144.0	172.8	162.1	109.8	189.8	159.1	159.8	125.6	30.2	12.0	19.3
Corn	917.8	757.9	710.4	704.2	377.7	1,153.4	739.0	936.4	633.6	139.8	103.6	134.9
Wheat	102.9	143.9	112.3	117.5	144.9	283.4	120.1	63.9	59.6	29.5	31.2	53.3
Cotton	91.6	82.1	149.1	97.1	80.1	116.6	52.5	51.7	60.8	88.6	144.3	356.0
Rice	117.3	64.5	40.5	15.5	15.9	29.3	9.0	8.1	38.3	67.7	63.1	97.4
Sorghum	106.6	63.0	43.5	37.9	22.2	70.3	50.3	33.8	28.9	9.1	9.1	9.8
Rye	.5	2.2	.9	.7	.6	2.8	1.4	.7	.5	.3	.3	.2
Barley	12.5	14.6	27.6	20.3	19.9	87.2	53.0	24.8	17.0	10.2	9.4	12.6
Oats	.2	1.3	.9	.6	.3	1.0	.9	.4	.4	.2	.3	.2
1989	544.1	465.3	1,200.0	726.0	536.0	727.7	738.1	1,439.3	569.6	258.1	362.0	352.6
Soybeans	63.9	34.6	61.3	45.6	45.2	72.7	67.5	102.8	49.9	13.1	12.1	22.5
Corn	156.0	130.7	219.7	161.3	160.5	384.4	389.5	432.9	255.1	97.1	83.8	71.2
Wheat	52.1	29.5	84.2	110.2	145.6	105.4	66.5	26.8	17.3	16.5	43.5	37.8
Cotton	140.5	132.5	672.1	231.3	57.1	82.6	175.1	549.1	229.4	118.3	138.3	82.0
Rice	106.5	120.0	139.7	161.2	111.1	39.4	12.7	302.4	4.9	5.4	72.0	131.6
Sorghum	11.7	8.3	10.5	9.5	10.8	18.3	13.6	19.3	9.4	5.0	6.6	2.4
Rye	.2	.0	.0	.0	.1	.1	.0	.1	.0	.0	.1	.1
Barley	13.1	9.6	12.3	6.5	5.7	24.6	13.1	5.9	3.6	2.5	5.4	5.1
Oats	.2	.2	.2	.2	.1	.3	.1	.1	.1	.0	.1	.1
1990	488.8	419.7	645.0	537.2	619.2	490.9	444.3	517.3	329.4	220.5	251.8	215.5
Soybeans	64.6	48.4	124.6	104.3	127.0	71.8	99.1	159.8	75.9	24.2	9.5	16.3
Corn	136.8	105.4	200.8	203.9	190.0	179.8	164.1	196.3	119.0	40.6	17.5	28.9
Wheat	36.2	22.0	31.7	32.9	39.1	29.2	27.4	26.2	33.8	37.0	50.5	47.8
Cotton	104.6	137.6	172.5	143.3	207.6	159.9	108.2	58.0	24.1	20.1	55.0	51.0
Rice	139.3	99.6	104.1	43.9	45.3	42.8	40.4	72.0	74.3	96.0	115.2	65.3
Sorghum	3.4	2.8	5.7	5.2	6.4	3.2	2.6	3.8	1.4	.9	.7	.9
Rye	.1	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0
Barley	3.7	3.8	5.5	3.6	3.3	3.9	2.4	1.0	.9	1.6	3.3	5.2
Oats	.1	.1	.1	.1	.3	.3	.1	.1	.1	.1	.1	.1

1/ Value of loans redeemed by farmers for commodities placed under nonrecourse Commodity Credit Corporation loans.



Table 23--Commodity Credit Corporation loans liquidated, by commodity and month, 1986-90 1/

Year and commodity :	Jan. :	Feb. :	Mar. :	Apr. :	May :	June :	July :	Aug. :	Sep. :	Oct. :	Nov. :	Dec. :
1,000 dollars												
1986 :	203,939	269,923	249,121	326,359	222,287	463,860	693,458	995,324	565,315	686,043	1,180,590	860,661
Soybeans :	49,877	41,819	26,764	19,009	5,712	4,027	7,799	32,697	116,871	312,528	290,744	224,290
Corn :	77,491	87,519	84,611	57,125	20,803	24,071	66,691	107,689	278,423	630,939	636,633	456,013
Wheat :	31,910	75,662	81,837	219,173	104,499	313,779	464,333	769,139	104,883	-413,617	87,007	78,196
Cotton :	3,179	3,996	1,378	5,359	69,495	52,277	9,373	6,378	6,591	2,862	6,373	3,402
Rice :	293	185	42	7	9,896	10,776	81,059	18,110	8,492	4,934	2,371	2,227
Sorghum :	35,657	50,194	45,442	14,272	8,159	52,702	47,826	41,468	39,471	134,785	144,614	85,131
Rye :	516	738	307	221	405	501	1,141	870	727	630	299	301
Barley :	4,819	9,700	8,624	11,034	3,261	5,636	14,928	18,658	9,533	12,703	12,364	10,920
Oats :	197	110	116	159	57	91	308	315	324	279	185	181
1987 :	1,144,431	242,561	111,200	405,142	197,805	270,221	45,095	125,183	452,272	335,785	431,295	476,324
Soybeans :	132,662	118,784	73,433	70,221	35,776	20,224	12,049	6,150	8,661	7,950	12,560	15,848
Corn :	633,924	0	233,504	236,289	104,071	181,717	0	68,278	291,980	252,701	303,133	278,062
Wheat :	38,416	54,821	44,971	55,561	36,304	57,811	23,911	34,120	74,941	38,034	41,050	57,954
Cotton :	3,584	2,486	3,350	2,188	3,241	4,838	1,217	365	1,839	2,032	1,104	933
Rice :	523	891	1,052	1,686	128	66	-1	2,136	2,374	2,165	1,385	4,121
Sorghum :	329,577	54,443	-251,918	29,348	12,340	774	6,402	9,990	65,009	24,316	67,555	115,469
Rye :	258	139	231	281	161	129	154	367	565	367	289	158
Barley :	5,318	10,857	6,350	9,446	5,698	4,533	1,276	3,728	6,858	8,186	4,155	3,722
Oats :	169	140	227	122	86	129	87	49	45	34	64	57
1988 :	204,353	201,826	103,027	83,098	85,617	125,402	59,283	33,678	37,915	26,301	22,175	37,120
Soybeans :	10,377	13,011	7,626	3,647	2,339	1,872	989	1,225	567	297	323	366
Corn :	124,064	123,950	57,921	36,631	18,651	22,113	13,097	9,695	18,099	16,854	12,599	22,626
Wheat :	30,310	24,456	17,897	32,603	51,519	59,681	24,975	14,561	8,137	4,121	4,177	4,802
Cotton :	614	354	596	554	190	571	272	315	471	217	202	149
Rice :	1,086	960	418	254	153	119	1	316	1,299	839	187	569
Sorghum :	35,792	35,757	17,124	7,853	9,586	36,806	17,433	6,043	8,069	2,836	3,486	6,624
Rye :	52	331	45	40	59	411	222	263	56	76	57	75
Barley :	2,034	2,953	1,357	1,459	3,089	3,777	2,278	1,260	1,212	1,061	1,134	1,910
Oats :	24	54	43	57	31	52	16	0	5	0	10	-1
1989 :	35,892	41,691	53,776	35,701	42,693	45,965	74,572	150,117	296,968	282,566	266,900	96,228
Soybeans :	167	121	385	323	322	484	503	-998	230	147	175	17
Corn :	24,856	31,738	45,087	22,591	6,422	9,690	19,856	165,574	244,406	249,127	223,612	70,837
Wheat :	4,412	2,674	3,403	8,556	19,579	12,762	26,598	44,742	30,413	20,141	29,102	18,750
Cotton :	109	64	218	624	1,632	6,727	16,016	3,150	1,557	772	1,118	250
Rice :	140	137	240	37	77	516	46	-84,119	299	247	231	1,644
Sorghum :	4,069	5,338	2,167	2,396	13,270	11,412	3,617	13,857	15,436	9,274	10,441	2,824
Rye :	7	31	26	2	5	18	6	0	7	0	2	0
Barley :	2,130	1,587	2,215	1,172	1,385	4,356	7,896	7,868	4,596	2,822	2,202	1,888
Oats :	2	1	35	0	1	0	34	43	24	36	17	18
1990 :	39,437	21,266	30,972	17,672	12,923	15,667	17,939	34,073	42,132	38,303	45,100	45,177
Soybeans :	92	155	39	138	21	54	48	242	40	179	127	144
Corn :	25,339	9,514	17,835	9,758	7,639	2,431	2,020	1,572	1,943	1,143	1,076	830
Wheat :	11,490	8,420	7,053	4,479	3,419	7,542	14,643	31,652	39,709	36,593	43,203	43,959
Cotton :	157	1,843	3,213	2,306	980	4,677	986	517	248	122	61	26
Rice :	57	59	53	110	3	2	6	-64	52	19	419	78
Sorghum :	946	428	1,963	505	575	522	170	131	47	135	134	27
Rye :	0	0	0	0	1	0	1	1	0	2	0	0
Barley :	1,350	843	816	362	285	439	59	19	79	109	79	113
Oats :	6	4	0	14	0	0	6	3	14	1	1	0

1/ Value of nonrecourse commodity loans acquired by Commodity Credit Corporation plus loans charged off.

Table 24--Commodity Credit Corporation loan transactions, by commodity, 1983-90

Commodity	1983	1984	1985	1986	1987	1988	1989	1990
1,000 dollars								
Placements:								
Soybeans	NA	NA	2,557,971	1,623,452	1,381,597	695,881	898,825	963,374
Corn	NA	NA	6,276,114	7,859,125	9,383,790	2,982,356	1,523,389	1,412,001
Wheat	NA	NA	2,659,039	1,413,360	1,098,618	354,567	215,529	571,067
Cotton	NA	NA	1,702,657	1,647,316	1,174,690	2,313,479	1,955,593	734,529
Rice	NA	NA	537,656	930,140	930,656	931,021	1,035,925	944,484
Sorghum	NA	NA	726,888	693,035	748,544	220,192	41,194	28,453
Rye	NA	NA	10,628	8,381	10,823	3,162	780	279
Barley	NA	NA	282,440	253,693	174,304	60,497	29,581	37,573
Oats	NA	NA	5,689	7,957	2,923	1,096	1,320	1,215
Total 1/	NA	NA	14,759,082	14,436,459	14,905,945	7,562,251	5,702,136	4,692,975
Redemptions:								
Soybeans	NA	NA	655,576	1,006,318	1,359,835	1,441,328	591,061	925,559
Corn	NA	NA	1,141,314	1,903,549	8,231,548	7,308,837	2,542,132	1,583,036
Wheat	NA	NA	358,413	748,158	1,445,664	1,262,400	735,341	413,924
Cotton	NA	NA	478,458	1,564,319	1,792,692	1,370,450	2,608,169	1,241,951
Rice	NA	NA	205,796	677,499	1,224,313	566,623	1,206,924	938,142
Sorghum	NA	NA	66,693	95,930	496,752	484,443	125,430	37,147
Rye	NA	NA	651	2,711	6,521	10,954	733	617
Barley	NA	NA	34,956	125,600	171,448	309,075	107,345	37,983
Oats	NA	NA	2,817	2,704	6,350	6,732	1,613	1,419
Total 1/	NA	NA	2,944,674	6,126,788	14,735,123	12,760,842	7,918,748	5,179,778
Loans liquidated:								
Soybeans	59,228	8,867	596,426	1,132,137	514,318	42,639	1,876	1,279
Corn	2,172,063	106,346	682,863	2,528,008	2,583,659	476,300	1,113,796	81,100
Wheat	871,849	854,785	742,572	1,916,801	557,894	277,239	221,132	252,162
Cotton	313,295	130,335	22,672	170,663	27,177	4,505	32,237	15,136
Rice	53,320	177,482	268,124	138,392	16,526	6,201	(80,505)	794
Sorghum	394,625	40,723	238,973	699,721	463,305	187,409	94,101	5,583
Rye	1,750	9,490	20,908	6,656	3,099	1,687	104	5
Barley	11,861	4,672	69,972	122,180	70,127	23,524	40,117	4,553
Oats	987	476	1,047	2,322	1,209	291	211	49
Total 1/	3,878,978	1,333,176	2,643,557	6,716,880	4,237,314	1,019,795	1,423,069	360,661

NA = not available. 1/ See footnotes to tables 21-23 for explanations of the three types of CCC transactions.

Table 25--Direct Government payments, by program, 1945-90 1/

Year	Feed grain	Wheat	Rice	Cotton	Wool	Conser- vation 2/	Miscel- laneous 3/	Total
Million dollars								
1945	np	np	np	np	np	259	483	742
1946	np	np	np	np	np	285	487	772
1947	np	np	np	np	np	277	37	314
1948	np	np	np	np	np	218	39	257
1949	np	np	np	np	np	156	30	186
1950	np	np	np	np	np	246	37	283
1951	np	np	np	np	np	246	40	286
1952	np	np	np	np	np	242	33	275
1953	np	np	np	np	np	181	32	213
1954	np	np	np	np	np	217	40	257
1955	np	np	np	np	np	188	41	229
1956	np	np	np	np	54	220	280	554
1957	np	np	np	np	53	230	732	1,015
1958	np	np	np	np	14	215	859	1,088
1959	np	np	np	np	82	233	367	682
1960	np	np	np	np	51	223	429	703
1961	772	42	np	np	56	236	387	1,493
1962	841	253	np	np	54	230	368	1,746
1963	843	215	np	np	37	231	370	1,696
1964	1,163	438	np	39	25	236	278	2,179
1965	1,391	525	np	70	18	224	235	2,463
1966	1,293	679	np	773	34	231	267	3,277
1967	865	731	np	932	29	237	284	3,078
1968	1,366	747	np	787	66	229	268	3,463
1969	1,643	858	np	828	61	204	199	3,793
1970	1,504	871	np	919	49	208	166	3,717
1971	1,054	878	np	822	69	173	149	3,145
1972	1,845	856	np	813	110	198	140	3,962
1973	1,142	474	np	718	65	72	136	2,607
1974	101	70	np	42	4/	192	125	530
1975	279	77	np	138	13	193	107	807
1976	196	135	4/	108	39	209	47	734
1977	187	887	130	89	5	328	192	1,818
1978	1,172	963	3	127	27	239	499	3,030
1979	494	114	59	185	33	197	294	1,376
1980	382	211	2	172	28	214	276	1,285
1981	243	625	2	222	35	201	605	1,933
1982	713	652	156	800	46	179	946	3,492
1983	1,346	864	278	662	84	188	5,874	9,296
1984	367	1,795	192	275	118	191	5,493	8,431
1985	2,861	1,950	577	1,106	98	189	924	7,705
1986	5,158	3,500	423	1,042	112	254	1,325	11,814
1987	8,490	2,931	475	1,204	144	1,531	1,972	16,747
1988	7,219	1,842	465	924	117	1,607	2,306	14,480
1989	3,141	603	671	1,184	81	1,771	3,436	10,887
1990	2,701	2,311	465	441	96	1,898	1,386	9,298

np = no program. 1/ Components may not add due to rounding. Includes both cash payments and payments-in-kind (PIK). 2/ Includes Great Plains and other conservation programs. 3/ Through 1970, total amounts are for Soil Bank; starting with 1971, amounts include all other programs, Soil Bank discontinued. 4/ Less than \$500,000.



Table 26--Farm production expenses, 1945-90 1/

Year	Intermediate product expenses										
	Farm origin				Manufactured inputs						
	Feed purchased	Livestock and poultry purchased	Seed purchased 2/ :	Total	Fertilizer and lime			Pesti- cides	Petroleum fuel and oils 3/	Elec- tricity 3/	Total
					Ferti- lizer	Lime	Total				
Million dollars											
1945	2,738	1,011	435	4,184	542	115	657	68	544	40	1,309
1946	3,022	1,170	428	4,620	571	112	683	77	643	51	1,454
1947	3,746	1,379	514	5,639	640	115	755	98	823	56	1,732
1948	3,996	1,589	581	6,166	729	97	826	118	1,009	73	2,026
1949	3,024	1,529	543	5,096	789	106	895	139	1,134	86	2,254
1950	3,283	2,004	518	5,805	868	107	975	179	1,192	71	2,417
1951	4,144	2,437	551	7,132	959	105	1,064	195	1,250	95	2,604
1952	4,331	1,918	594	6,843	1,078	106	1,184	190	1,288	101	2,763
1953	3,770	1,320	551	5,641	1,099	79	1,178	155	1,338	120	2,791
1954	3,906	1,563	525	5,994	1,136	73	1,209	167	1,366	123	2,865
1955	3,880	1,539	566	5,985	1,106	79	1,185	200	1,403	123	2,911
1956	3,894	1,610	519	6,023	1,079	87	1,166	269	1,434	128	2,997
1957	4,035	1,934	510	6,479	1,076	90	1,166	194	1,464	132	2,956
1958	4,541	2,702	508	7,751	1,113	93	1,206	226	1,447	140	3,019
1959	4,744	2,693	491	7,928	1,238	94	1,332	286	1,447	162	3,227
1960	4,552	2,506	519	7,577	1,252	92	1,344	290	1,484	177	3,295
1961	4,763	2,729	545	8,037	1,343	94	1,437	330	1,508	200	3,475
1962	5,187	3,104	565	8,856	1,446	98	1,544	368	1,512	215	3,639
1963	5,690	2,926	619	9,235	1,600	112	1,712	379	1,535	228	3,854
1964	5,512	2,419	661	8,592	1,772	116	1,888	402	1,549	243	4,082
1965	5,674	2,912	720	9,306	1,877	117	1,994	474	1,567	249	4,284
1966	6,401	3,544	760	10,705	2,098	121	2,219	562	1,616	252	4,649
1967	6,646	3,431	814	10,891	2,317	112	2,429	791	1,657	250	5,127
1968	6,357	3,676	831	10,864	2,323	111	2,434	827	1,662	263	5,186
1969	7,100	4,225	871	12,196	2,209	103	2,312	906	1,717	278	5,213
1970	8,028	4,324	928	13,280	2,340	95	2,435	960	1,711	304	5,410
1971	8,049	5,123	1,072	14,244	2,563	91	2,654	1,143	1,722	337	5,856
1972	8,397	6,668	1,115	16,180	2,620	101	2,721	1,367	1,688	371	6,147
1973	13,224	8,065	1,617	22,906	3,402	101	3,503	1,414	1,877	409	7,203
1974	14,513	5,131	1,941	21,585	5,898	156	6,053	1,513	2,690	501	10,757
1975	12,907	4,954	2,138	19,999	6,506	154	6,660	1,783	3,318	594	12,355
1976	14,370	5,884	2,366	22,620	6,255	213	6,468	2,108	3,966	858	13,400
1977	13,967	7,072	2,484	23,523	6,308	221	6,529	1,938	4,356	1,069	13,892
1978	16,036	10,150	2,638	28,824	6,361	259	6,620	2,656	4,609	1,389	15,274
1979	19,314	13,012	2,904	35,230	7,062	307	7,369	3,436	5,635	1,447	17,887
1980	20,971	10,670	3,220	34,861	9,067	424	9,491	3,539	7,879	1,526	22,435
1981	20,855	8,999	3,428	33,282	8,967	442	9,409	4,201	8,570	1,747	23,927
1982	18,592	9,684	3,172	31,447	7,689	329	8,018	4,282	7,734	2,041	22,076
1983	20,573	8,818	2,690	32,081	6,736	319	7,055	3,870	7,211	1,982	20,118
1984	19,383	9,487	3,386	32,256	8,083	278	8,361	4,688	7,296	2,060	22,404
1985	16,949	9,184	3,128	29,261	7,176	337	7,513	4,334	6,436	1,878	20,160
1986	17,472	9,758	3,188	30,418	6,526	294	6,820	4,324	5,310	1,795	18,249
1987	17,463	11,842	3,259	32,564	6,084	369	6,453	4,512	4,957	2,156	18,077
1988	20,393	12,764	3,359	36,515	6,522	425	6,947	4,577	5,091	2,278	18,893
1989	21,002	13,138	3,558	37,698	6,814	434	7,249	5,437	4,983	1,990	19,659
1990	20,727	14,737	3,582	39,046	6,672	465	7,137	5,727	5,951	1,944	20,759

See footnotes at end of table.

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Table 26--Farm production expenses, 1945-90 1/--continued

Year	Intermediate product expenses									
	Other expenses								Total	
	Repair and maintenance of capital items 4/	Machine hire and custom- work	Marketing, storage, and transportation expenses 5/	Miscellaneous expenses 6/	Total		Total		Intermediate product expenses	
	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings
Million dollars										
1945	1,145	957	NA	287	517	481	1,949	1,725	7,442	7,218
1946	1,411	1,125	NA	337	537	496	2,285	1,958	8,359	8,032
1947	1,645	1,346	NA	438	615	570	2,698	2,354	10,069	9,725
1948	1,809	1,536	NA	460	670	621	2,939	2,617	11,131	10,809
1949	1,762	1,581	NA	369	812	762	2,943	2,712	10,293	10,062
1950	1,783	1,588	45	428	751	701	3,007	2,762	11,229	10,984
1951	2,032	1,802	96	533	840	777	3,501	3,208	13,237	12,944
1952	2,218	1,959	160	515	884	816	3,777	3,450	13,383	13,056
1953	2,203	1,932	192	535	864	803	3,794	3,462	12,226	11,894
1954	2,140	1,861	231	514	853	793	3,738	3,399	12,597	12,258
1955	2,197	1,908	282	558	881	820	3,918	3,568	12,814	12,464
1956	2,351	2,063	331	576	865	806	4,123	3,776	13,143	12,796
1957	2,453	2,161	409	558	949	884	4,369	4,012	13,804	13,447
1958	2,474	2,195	554	587	999	932	4,614	4,268	15,384	15,038
1959	2,669	2,381	583	645	1,240	1,160	5,137	4,769	16,292	15,924
1960	2,498	2,241	645	678	1,284	1,196	5,105	4,760	15,977	15,632
1961	2,468	2,151	613	735	1,300	1,212	5,116	4,711	16,628	16,223
1962	2,481	2,189	622	760	1,380	1,282	5,243	4,853	17,738	17,348
1963	2,438	2,138	661	757	1,446	1,340	5,302	4,896	18,391	17,985
1964	2,382	2,074	657	785	1,565	1,449	5,389	4,965	18,063	17,639
1965	2,376	2,095	735	801	1,570	1,454	5,482	5,085	19,072	18,675
1966	2,548	2,238	765	749	1,660	1,533	5,722	5,285	21,076	20,639
1967	2,752	2,432	868	735	1,704	1,566	6,059	5,601	22,077	21,619
1968	2,725	2,444	904	832	1,807	1,657	6,268	5,837	22,318	21,887
1969	2,790	2,464	943	800	1,871	1,709	6,404	5,916	23,813	23,325
1970	2,828	2,584	913	821	1,956	1,774	6,518	6,092	25,208	24,782
1971	2,985	2,704	1,041	871	2,056	1,858	6,953	6,474	27,053	26,574
1972	3,020	2,740	1,052	970	2,178	1,971	7,220	6,733	29,547	29,060
1973	3,352	3,097	1,302	1,005	2,356	2,141	8,015	7,545	38,124	37,654
1974	3,969	3,665	1,302	1,100	2,755	2,512	9,126	8,579	41,468	40,921
1975	4,488	4,235	1,541	1,082	3,035	2,765	10,146	9,623	42,500	41,977
1976	5,130	4,879	1,546	1,269	3,174	2,874	11,119	10,568	47,139	46,588
1977	5,765	5,430	1,682	1,390	3,582	3,181	12,419	11,683	49,834	49,098
1978	6,142	5,731	1,776	2,508	5,691	5,187	16,117	15,202	60,215	59,300
1979	6,754	6,488	2,063	3,162	6,771	6,163	18,750	17,876	71,867	70,993
1980	7,075	6,662	1,823	3,070	6,881	6,213	18,849	17,768	76,145	75,064
1981	7,021	6,728	1,984	3,523	6,909	6,180	19,437	18,415	76,646	75,624
1982	6,428	6,023	2,025	4,301	9,145	8,286	21,898	20,635	75,422	74,159
1983	6,529	6,122	2,213	3,904	10,961	10,046	23,607	22,285	75,806	74,484
1984	6,416	6,020	2,566	4,012	10,331	10,198	23,324	22,796	77,984	77,456
1985	6,370	5,896	2,354	4,127	10,010	9,874	22,861	22,251	72,281	71,672
1986	6,426	5,925	2,099	3,652	9,759	9,613	21,936	21,289	70,603	69,956
1987	6,761	6,205	2,105	4,078	11,327	11,123	24,271	23,510	74,912	74,151
1988	6,800	6,188	2,350	3,450	11,404	11,215	24,004	23,202	79,412	78,610
1989	7,272	6,785	2,674	4,080	12,446	12,280	26,472	25,819	83,828	83,176
1990	7,283	6,702	2,634	3,972	12,236	12,026	26,126	25,336	85,931	85,141

See footnotes at end of table.

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Table 26--Farm production expenses, 1945-90 1/--continued

Year	Contract and hired labor expenses					Total operating expenses 7/		Interest				Total	
	Hired labor												
	Contract labor 8/	Cash wages 9/	Employers' contribution to Social Security	Perquisites 9/	Total hired	Total	Including operator dwellings	Excluding operator dwellings	Interest on non-estate debt	Interest on real estate debt		Including operator dwellings	Excluding operator dwellings
Million dollars													
1945	NA	1,952	NA	347	2,299	2,299	9,741	9,517	169	221	187	390	356
1946	NA	2,155	NA	377	2,532	2,532	10,891	10,564	183	219	186	402	369
1947	NA	2,374	NA	409	2,783	2,783	12,852	12,508	214	225	192	439	406
1948	NA	2,558	NA	432	2,990	2,990	14,121	13,799	259	232	198	491	457
1949	NA	2,418	NA	388	2,806	2,806	13,099	12,868	296	243	208	539	504
1950	NA	2,451	NA	360	2,811	2,811	14,040	13,795	334	264	225	598	559
1951	NA	2,548	11	362	2,921	2,921	16,158	15,865	401	291	250	692	651
1952	NA	2,501	11	345	2,857	2,857	16,240	15,913	452	318	271	770	723
1953	NA	2,395	12	329	2,736	2,736	14,962	14,630	432	345	297	777	729
1954	NA	2,279	17	300	2,596	2,596	15,193	14,854	420	371	319	791	739
1955	NA	2,307	29	279	2,615	2,615	15,429	15,079	442	402	349	844	791
1956	NA	2,336	31	274	2,641	2,641	15,784	15,437	469	442	387	911	856
1957	NA	2,422	35	277	2,734	2,734	16,538	16,181	499	482	424	981	923
1958	NA	2,529	37	276	2,842	2,842	18,226	17,880	565	521	452	1,086	1,017
1959	312	2,260	38	295	2,593	2,905	19,197	18,829	650	572	498	1,222	1,148
1960	315	2,393	49	305	2,747	3,062	19,039	18,694	719	628	549	1,347	1,268
1961	340	2,479	51	322	2,852	3,192	19,820	19,415	741	686	606	1,427	1,347
1962	347	2,564	56	332	2,952	3,299	21,037	20,647	809	759	669	1,568	1,478
1963	350	2,640	68	342	3,050	3,400	21,791	21,385	905	846	749	1,751	1,654
1964	353	2,726	72	332	3,130	3,483	21,546	21,122	958	952	845	1,910	1,803
1965	392	2,813	76	322	3,211	3,603	22,675	22,278	1,028	1,075	958	2,103	1,986
1966	412	2,859	94	317	3,270	3,682	24,758	24,321	1,142	1,198	1,072	2,340	2,214
1967	385	2,928	104	306	3,338	3,723	25,800	25,342	1,271	1,325	1,189	2,596	2,460
1968	432	3,072	110	305	3,487	3,919	26,237	25,806	1,318	1,472	1,325	2,790	2,643
1969	462	3,249	126	314	3,689	4,151	27,964	27,476	1,434	1,625	1,468	3,059	2,902
1970	406	3,435	134	337	3,906	4,312	29,520	29,094	1,618	1,763	1,586	3,381	3,204
1971	419	3,433	152	338	3,923	4,342	31,395	30,916	1,659	1,905	1,718	3,564	3,377
1972	442	3,573	163	350	4,086	4,528	34,075	33,588	1,802	2,067	1,865	3,869	3,667
1973	507	4,040	211	396	4,647	5,154	43,278	42,808	2,278	2,385	2,155	4,663	4,433
1974	605	4,761	247	463	5,471	6,076	47,544	46,997	2,866	2,833	2,564	5,699	5,430
1975	664	5,148	274	500	5,922	6,586	49,086	48,563	3,069	3,317	3,006	6,386	6,075
1976	766	5,877	299	567	6,743	7,509	54,648	54,097	3,574	3,785	3,439	7,359	7,013
1977	822	6,213	320	598	7,131	7,953	57,787	57,051	4,203	4,329	3,943	8,532	8,146
1978	911	6,491	358	519	7,368	8,279	68,494	67,579	5,167	5,060	4,621	10,227	9,788
1979	988	7,018	414	561	7,993	8,981	80,848	79,974	6,868	6,190	5,666	13,058	12,534
1980	1,023	7,227	464	579	8,270	9,293	85,438	84,357	8,717	7,544	6,920	16,261	15,637
1981	983	6,853	540	555	7,948	8,931	85,577	84,555	10,722	9,142	8,396	19,864	19,118
1982	1,104	7,106	640	530	8,275	9,379	84,801	83,538	11,349	10,481	9,633	21,830	20,982
1983	871	6,921	621	524	8,067	8,938	84,744	83,422	10,615	10,815	9,947	21,430	20,562
1984	1,135	7,004	709	579	8,292	9,427	87,411	86,883	10,396	10,733	9,879	21,129	20,275
1985	1,477	7,253	739	538	8,530	10,008	82,289	81,679	8,735	9,878	9,030	18,613	17,765
1986	1,038	7,350	660	436	8,446	9,484	80,087	79,440	7,367	9,131	8,342	16,498	15,709
1987	1,305	7,399	769	502	8,670	9,975	84,887	84,126	6,767	8,187	7,723	14,954	14,490
1988	1,143	7,931	881	486	9,298	10,441	89,853	89,051	6,797	7,885	7,388	14,682	14,185
1989	1,154	8,589	898	469	9,956	11,110	94,938	94,286	6,910	7,781	7,281	14,691	14,191
1990	1,355	9,539	1,133	514	11,187	12,543	98,474	97,683	6,805	7,667	7,030	14,472	13,835

See footnotes at end of table.

continued--



Table 26--Farm production expenses, 1945-90 1/--continued

Year	Net rent	Capital consumption 11/	Property taxes 12/		Total production expenses		
	received by						
	nonoperator	Including	Excluding	Including	Excluding	Including	Excluding
	landlords	operator	operator	operator	operator	operator	operator
	10/	dwellings	dwellings	dwellings	dwellings	dwellings	dwellings
Million dollars							
1945	1,064	1,310	1,072	557	485	13,062	12,494
1946	1,401	1,189	931	617	539	14,500	13,804
1947	1,455	1,553	1,237	733	644	17,032	16,250
1948	1,370	2,002	1,647	806	710	18,790	17,983
1949	1,107	2,365	2,022	872	770	17,982	17,271
1950	1,233	2,665	2,301	919	810	19,455	18,698
1951	1,368	3,147	2,712	983	874	22,348	21,470
1952	1,421	3,326	2,911	1,033	913	22,790	21,881
1953	1,214	3,454	3,029	1,060	943	21,467	20,545
1954	1,159	3,581	3,129	1,084	962	21,808	20,843
1955	1,057	3,700	3,219	1,141	1,018	22,171	21,164
1956	1,109	3,723	3,269	1,178	1,057	22,705	21,728
1957	1,029	3,913	3,430	1,242	1,117	23,703	22,680
1958	1,161	4,011	3,530	1,306	1,162	25,790	24,750
1959	1,077	4,251	3,736	1,429	1,279	27,176	26,069
1960	1,124	4,337	3,773	1,529	1,373	27,376	26,232
1961	1,346	4,388	3,802	1,609	1,449	28,590	27,359
1962	1,467	4,530	3,915	1,677	1,514	30,279	29,021
1963	1,623	4,696	4,043	1,737	1,573	31,598	30,278
1964	1,655	4,903	4,201	1,798	1,634	31,812	30,415
1965	1,886	5,111	4,360	1,874	1,707	33,649	32,217
1966	2,023	5,384	4,626	2,002	1,830	36,507	35,014
1967	1,882	5,781	4,967	2,122	1,944	38,181	36,595
1968	1,999	6,200	5,348	2,298	2,110	39,524	37,906
1969	2,061	6,574	5,655	2,456	2,258	42,114	40,352
1970	2,051	6,904	5,890	2,596	2,383	44,452	42,622
1971	2,028	7,416	6,331	2,704	2,483	47,107	45,135
1972	3,021	7,909	6,721	2,815	2,588	51,689	49,585
1973	4,780	8,946	7,540	2,886	2,657	64,553	62,218
1974	4,102	10,540	8,928	3,096	2,850	70,981	68,307
1975	4,024	12,354	10,604	3,193	2,956	75,043	72,222
1976	3,465	13,778	11,794	3,491	3,239	82,741	79,608
1977	3,412	15,493	13,166	3,660	3,399	88,884	85,174
1978	3,963	16,963	14,348	3,603	3,344	103,250	99,022
1979	6,182	19,345	16,297	3,871	3,601	123,304	118,588
1980	6,075	21,474	17,847	3,891	3,607	133,139	127,523
1981	6,184	23,573	19,612	4,246	3,942	139,444	133,411
1982	5,476	24,189	20,049	4,010	3,712	140,305	133,757
1983	5,211	23,758	19,803	4,465	4,099	139,608	133,096
1984	8,150	20,847	19,351	4,337	3,953	141,873	138,612
1985	7,690	19,299	17,853	4,542	4,118	132,433	129,105
1986	6,099	17,788	16,368	4,612	4,153	125,084	121,768
1987	7,304	16,740	15,229	4,853	4,341	128,737	125,489
1988	7,445	17,075	15,396	4,848	4,312	133,902	130,389
1989	7,911	17,553	15,798	5,127	4,539	140,219	136,725
1990	8,177	17,545	15,778	5,623	4,978	144,291	140,451

See footnotes on next page.

## Footnotes for Table 26

NA = not available.

1/ Components may not add due to rounding. Expenses for operator dwellings are included in the indicated columns only if the operator dwelling is located on the farm.

2/ Includes bulbs, plants, and trees.

3/ Includes only the proportion used in the farm business.

4/ Insurance, registration fees, and licensing fees for automobiles and trucks are included in the repair and maintenance account before 1978. These items are included in the miscellaneous expense account for 1978 and later years. After 1983, data on repairs and maintenance for operator dwelling are derived from the Farm Costs and Returns Survey. See table 27 for estimates by type of capital item.

5/ Marketing, storage, and transportation expenses for 1978 and later years are based on the Farm Costs and Returns Survey and are for all crops and livestock. Estimates before 1978 are based on various data sources and include only expenses for fruit and vegetable containers, cotton ginning, livestock marketing, and milk hauling. Estimates are not compatible between the two periods.

6/ Miscellaneous expenses for 1978 and later years are based on the Farm Costs and Returns Survey. Items included from 1978 forward are health and breeding services and supplies, custom feeding and grazing fees, irrigation water costs, dairy assessment fees, farm supplies, tools, noncapital equipment, net insurance including motor vehicles, motor vehicle registration and licensing fees, telephone and water, and other farm business management expenses. Other miscellaneous livestock purchases and livestock rental fees are included beginning in 1982. Estimates before 1978 are based on various data sources and include expenses for binding materials, dairy supplies, net Federal Crop Insurance Corporation payments, other net insurance excluding motor vehicles, greenhouse and nursery, grazing, harness and saddlery, blacksmithing and hardware, small handtools, telephones, veterinarian fees and supplies, and other miscellaneous expenses. Estimates are not compatible between the two periods.

7/ The sum of intermediate product expenses and contract and hired labor expenses.

8/ Contract labor wages and contractor fees are included in cash wages to hired labor for 1945-58. Social Security paid by contractors is included in the employers' contribution to Social Security for hired labor for 1951-58.

9/ Before 1978, perquisites include the value of in-kind items (board, lodging, transportation, and food) and cash benefits (medical and life insurance, and pension and retirement plans). For 1978 and later years, perquisites include only in-kind items. Other benefits that are cash expenses to the operator are included in cash wages. Procedures and data sources for 1982 and later years are not strictly compatible with those before 1982.

10/ After 1982, gross rent to landlords is based on data from the *1987 Census of Agriculture* and the Farm Costs and Returns Survey. Gross rent to landlords for 1979-82 is based on data from the *1979 Farm Finance Survey*. Gross rent to landlords for 1978 and earlier years is based on various data sources. Net rent estimates are not consistent among the three periods.

11/ Depreciation and accidental damage. New computational procedures for depreciation and accidental damage on operator dwellings were implemented in 1984. Revised depreciation rates are lower than previous rates. Estimates are not compatible between the two periods. See table 29 for depreciation by type of capital item.

12/ Real estate and personal property taxes. Prior to 1982, real estate taxes were based on the annual ERS real estate tax survey. Starting in 1982, they are based on the Farm Costs and Returns Survey and the *1987 Census of Agriculture*.

Table 27--Repair and maintenance of farm capital items, 1945-90

Year	Buildings and land 1/			Motor vehicles and machinery 2/			All capital items	
	Operator	Service	Total	Autos	Tractors,	Total	Including	Excluding
	farm	structures		and	machinery,		operator	operator
	dwelling	and land		trucks	and		dwelling	dwelling
	3/	improve-		5/	equipment			
		ments 4/						
Million dollars								
1945	188	197	385	231	529	760	1,145	957
1946	286	312	598	257	556	813	1,411	1,125
1947	299	393	692	297	656	953	1,645	1,346
1948	273	428	701	336	772	1,108	1,809	1,536
1949	181	443	624	363	775	1,138	1,762	1,581
1950	195	445	640	407	736	1,143	1,783	1,588
1951	230	475	705	478	849	1,327	2,032	1,802
1952	259	487	746	521	951	1,472	2,218	1,959
1953	271	469	740	559	904	1,463	2,203	1,932
1954	279	445	724	587	829	1,416	2,140	1,861
1955	289	450	739	609	849	1,458	2,197	1,908
1956	288	455	743	615	993	1,608	2,351	2,063
1957	292	462	754	633	1,066	1,699	2,453	2,161
1958	279	445	724	638	1,112	1,750	2,474	2,195
1959	288	547	835	643	1,191	1,834	2,669	2,381
1960	257	499	756	648	1,094	1,742	2,498	2,241
1961	317	511	828	648	992	1,640	2,468	2,151
1962	292	545	837	649	995	1,644	2,481	2,189
1963	300	542	842	653	943	1,596	2,438	2,138
1964	308	524	832	671	879	1,550	2,382	2,074
1965	281	540	821	679	876	1,555	2,376	2,095
1966	310	568	878	689	981	1,670	2,548	2,238
1967	320	642	962	706	1,084	1,790	2,752	2,432
1968	281	598	879	724	1,122	1,846	2,725	2,444
1969	326	618	944	749	1,097	1,846	2,790	2,464
1970	244	674	918	784	1,126	1,910	2,828	2,584
1971	281	675	956	814	1,215	2,029	2,985	2,704
1972	280	632	912	825	1,283	2,108	3,020	2,740
1973	256	757	1,013	831	1,509	2,340	3,353	3,097
1974	304	673	977	940	2,052	2,992	3,969	3,665
1975	253	818	1,071	1,057	2,360	3,417	4,488	4,235
1976	251	1,012	1,263	1,210	2,657	3,867	5,130	4,879
1977	335	1,184	1,519	1,411	2,835	4,246	5,765	5,430
1978	411	1,198	1,609	1,014	3,519	4,533	6,142	5,731
1979	266	1,323	1,589	1,422	3,743	5,165	6,754	6,488
1980	413	1,457	1,870	1,459	3,746	5,205	7,075	6,662
1981	293	1,450	1,743	1,507	3,771	5,278	7,021	6,728
1982	404	1,388	1,792	1,079	3,557	4,635	6,428	6,023
1983	407	1,329	1,735	1,178	3,616	4,793	6,529	6,122
1984	395	1,113	1,508	1,316	3,592	4,907	6,416	6,020
1985	474	1,062	1,536	1,392	3,442	4,834	6,370	5,896
1986	501	1,100	1,601	1,397	3,428	4,825	6,426	5,925
1987	557	1,233	1,789	1,464	3,508	4,972	6,761	6,205
1988	612	1,024	1,637	1,604	3,559	5,163	6,800	6,188
1989	487	1,079	1,566	1,781	3,925	5,706	7,272	6,785
1990	581	1,339	1,920	1,628	3,735	5,363	7,283	6,702

1/ Repairs and maintenance only. The value of gross capital expenditures which includes the value of new construction, additions, and major improvements appears in table 28. 2/ Share of capital items used in the farm business. 3/ Operator dwellings located on farm real estate only. 4/ Includes fences, windmills, wells, dams and ponds, terraces, drainage ditches, tile lines, other soil conservation facilities, and dwellings not occupied by farm operators. 5/ Insurance, registration fees, and licensing fees for automobiles and trucks are included in the repair and maintenance account before 1978. These items are included in the miscellaneous expense account for 1978 and later years.



Table 28--Farm gross capital expenditures, 1945-90

	Buildings and land 1/			Motor vehicles 2/				Machinery	Total capital expenditures	
Year	Operator farm dwellings 4/	Service structures and land improvements 5/	Total	Tractors	Trucks	Auto-mobiles	Total	and equipment 3/	Including operator dwellings	Excluding operator dwellings

1/ Includes new construction, additions, and major improvements. 2/ Share of capital items used in the farm business.

3/ Excludes minor types of equipment charged to the miscellaneous expense category of table 26. 4/ Operator dwellings located on farm real estate only. 5/ Includes service buildings, other structures, fences, windmills, wells, dams and ponds, terraces, drainage ditches, tile lines, other soil conservation facilities, and dwellings not occupied by farm operators.

Table 29--Farm depreciation, 1945-90 1/

Year	Buildings			Motor vehicles 2/				Other	Total	
								machinery		
	Operator	Service	Total	Tractors	Trucks	Auto-	Total	and equipment 3/	Including operator dwelling	Excluding operator dwelling
	farm	structures								
	dwelling	5/				mobiles				
	4/									
Million dollars										
1945	190	201	391	179	109	99	387	444	1,222	1,032
1946	207	223	430	152	106	75	333	333	1,096	889
1947	265	284	549	189	169	100	458	425	1,432	1,167
1948	295	323	618	258	262	135	655	592	1,865	1,570
1949	289	329	618	341	315	201	857	775	2,250	1,961
1950	302	345	647	397	347	264	1,008	875	2,530	2,228
1951	340	394	734	469	382	328	1,179	1,024	2,937	2,597
1952	351	410	761	514	389	379	1,282	1,139	3,182	2,831
1953	359	424	783	543	369	410	1,322	1,195	3,300	2,941
1954	364	433	797	544	359	450	1,353	1,222	3,372	3,008
1955	382	450	832	564	346	476	1,386	1,242	3,460	3,078
1956	398	478	876	596	358	482	1,436	1,274	3,586	3,188
1957	411	502	913	620	387	501	1,508	1,317	3,738	3,327
1958	420	515	935	642	397	515	1,554	1,374	3,863	3,443
1959	450	541	991	681	425	532	1,638	1,464	4,093	3,643
1960	483	573	1,056	680	430	483	1,593	1,524	4,173	3,690
1961	505	606	1,111	666	458	443	1,567	1,547	4,225	3,720
1962	531	635	1,166	681	500	451	1,632	1,563	4,361	3,830
1963	556	668	1,224	693	526	461	1,680	1,598	4,502	3,946
1964	584	704	1,288	736	537	444	1,717	1,664	4,669	4,085
1965	628	743	1,371	785	533	412	1,730	1,766	4,867	4,239
1966	665	804	1,469	857	561	399	1,817	1,910	5,196	4,531
1967	708	878	1,586	929	569	374	1,872	2,111	5,569	4,861
1968	746	975	1,721	986	594	388	1,968	2,298	5,987	5,241
1969	788	1,091	1,879	1,011	609	375	1,995	2,438	6,312	5,524
1970	904	1,207	2,111	1,012	617	355	1,984	2,594	6,689	5,785
1971	970	1,271	2,241	1,085	709	367	2,161	2,790	7,192	6,222
1972	1,052	1,358	2,410	1,120	740	377	2,237	3,003	7,650	6,598
1973	1,233	1,569	2,802	1,264	797	396	2,457	3,363	8,622	7,389
1974	1,483	1,915	3,398	1,610	871	408	2,889	4,009	10,296	8,813
1975	1,571	2,012	3,583	2,009	1,012	411	3,432	5,006	12,021	10,450
1976	1,809	2,158	3,967	2,359	1,247	438	4,044	5,442	13,453	11,644
1977	2,155	2,535	4,690	2,449	1,538	575	4,562	5,923	15,175	13,020
1978	2,420	2,764	5,184	2,717	1,628	640	4,985	6,439	16,608	14,188
1979	2,823	3,216	6,039	3,176	1,851	671	5,698	7,203	18,940	16,117
1980	3,245	3,420	6,665	3,621	1,846	670	6,137	7,993	20,795	17,550
1981	3,537	3,671	7,208	4,086	2,105	840	7,031	8,579	22,818	19,281
1982	3,683	3,546	7,229	4,190	2,192	851	7,234	8,883	23,345	19,663
1983	3,455	3,370	6,825	3,969	2,333	860	7,162	8,876	22,863	19,408
1984	1,345	3,252	4,597	3,602	2,510	894	7,006	8,697	20,300	18,955
1985	1,299	3,095	4,394	2,982	2,402	795	6,179	8,191	18,627	17,328
1986	1,277	2,954	4,231	2,830	2,121	657	5,609	7,425	17,040	15,763
1987	1,359	2,840	4,199	2,477	2,010	432	4,920	7,102	16,265	14,906
1988	1,509	2,744	4,253	2,719	2,028	477	5,224	7,072	16,492	14,983
1989	1,577	2,694	4,271	3,163	2,138	420	5,720	7,025	16,597	15,020
1990	1,589	2,642	4,231	3,368	2,083	334	5,785	7,005	17,021	15,432

1/ Current replacement cost, not original cost. 2/ Share of capital items used in the farm business. 3/ Excludes minor types of equipment charged to the miscellaneous expense category of table 26. 4/ Operator dwellings located on farm real estate only. New methods and data are used for computing operator dwelling depreciation beginning with the 1984 figures. Revised depreciation rates are lower than previous rates. Estimates are not compatible between the two periods. 5/ Includes service buildings, other structures, and dwellings not occupied by farm operators. Land improvements are not depreciated.

Table 30--Number of farms, and net cash income, by value of sales class, 1990 1/

Item	: \$1,000,000 : and : over	: \$500,000 : to : \$999,999	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: Less : than : \$20,000
	Thousands						
Number of farms	16	27	64	214	306	259	1,254
	Million dollars						
Total:							
Gross cash income	57,496	21,234	25,779	39,370	24,047	9,000	9,051
Cash receipts from marketings	56,231	19,872	23,125	34,830	21,004	7,759	7,166
Direct Government payment commodities	2,760	3,145	5,288	9,115	5,250	1,794	1,008
Price-support-only commodities	5,634	3,801	5,737	11,456	7,229	2,030	1,329
Nonsupported commodities	47,837	12,926	12,100	14,259	8,525	3,934	4,829
Government payments	436	985	2,130	3,222	1,760	524	241
Farm-related income	829	377	525	1,318	1,283	717	1,644
Cash expenses	38,203	13,780	15,617	24,306	16,119	6,619	9,515
Net cash income	19,293	7,454	10,163	15,064	7,928	2,381	-464
	Percent						
Percent of total:							
Number of farms	0.7	1.3	3.0	10.0	14.3	12.1	58.6
Gross cash income	30.9	11.4	13.9	21.2	12.9	4.8	4.9
Cash receipts from marketings	33.1	11.7	13.6	20.5	12.4	4.6	4.2
Direct Government payment commodities	9.7	11.1	18.6	32.1	18.5	6.3	3.6
Price-support-only commodities	15.1	10.2	15.4	30.8	19.4	5.5	3.6
Nonsupported commodities	45.8	12.4	11.6	13.7	8.2	3.8	4.6
Government payments	4.7	10.6	22.9	34.7	18.9	5.6	2.6
Farm-related income	12.4	5.6	7.8	19.7	19.2	10.7	24.6
Cash expenses	30.8	11.1	12.6	19.6	13.0	5.3	7.7
Net cash income	31.2	12.1	16.4	24.4	12.8	3.9	-0.7
	Dollars						
Per farm operation: 2/							
Gross cash income	3,708,945	777,624	401,468	183,937	78,565	34,749	7,216
Cash receipts from marketings	3,627,349	727,763	360,125	162,726	68,623	29,958	5,713
Direct Government payment commodities	178,029	115,158	82,351	42,585	17,151	6,928	804
Price-support-only commodities	363,458	139,212	89,344	53,523	23,619	7,840	1,059
Nonsupported commodities	3,085,862	473,393	188,430	66,618	27,853	15,191	3,850
Government payments	28,096	36,056	33,174	15,055	5,749	2,024	192
Farm-related income	53,501	13,804	8,168	6,156	4,193	2,767	1,311
Cash expenses	2,464,395	504,645	243,201	113,559	52,664	25,557	7,586
Net cash income	1,244,550	272,978	158,267	70,378	25,901	9,192	-370

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.



Table 31--Number of farms, and net cash income, by value of sales class, 1989 1/

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
	Thousands						
Number of farms	13	26	67	206	315	265	1,278
	Million dollars						
Total:							
Gross cash income	51,563	20,071	26,378	37,701	25,111	9,564	9,499
Cash receipts from marketings	49,827	18,730	23,835	32,662	21,043	7,749	7,046
Direct Government payment							
commodities	2,381	2,847	5,236	8,296	5,143	1,756	963
Price-support-only commodities	4,804	3,509	5,885	10,800	7,248	1,995	1,238
Nonsupported commodities	42,642	12,374	12,713	13,566	8,652	3,999	4,845
Government payments	397	897	1,940	3,509	2,442	970	733
Farm-related income	1,340	444	603	1,530	1,625	845	1,720
Cash expenses	33,680	13,223	16,658	23,746	16,743	6,799	9,609
Net cash income	17,884	6,847	9,720	13,955	8,368	2,765	-110
	Percent						
Percent of total:							
Number of farms	0.6	1.2	3.1	9.5	14.5	12.2	58.9
Gross cash income	28.7	11.2	14.7	21.0	14.0	5.3	5.3
Cash receipts from marketings	31.0	11.6	14.8	20.3	13.1	4.8	4.4
Direct Government payment							
commodities	8.9	10.7	19.7	31.2	19.3	6.6	3.6
Price-support-only commodities	13.5	9.9	16.6	30.4	20.4	5.6	3.5
Nonsupported commodities	43.2	12.5	12.9	13.7	8.8	4.0	4.9
Government payments	3.6	8.2	17.8	32.2	22.4	8.9	6.7
Farm-related income	16.5	5.5	7.4	18.9	20.0	10.4	21.2
Cash expenses	28.0	11.0	13.8	19.7	13.9	5.6	8.0
Net cash income	30.1	11.5	16.4	23.5	14.1	4.7	-0.2
	Dollars						
Per farm operation: 2/							
Gross cash income	3,850,022	781,684	392,023	182,837	79,786	36,119	7,430
Cash receipts from marketings	3,720,388	729,456	354,235	158,399	66,863	29,265	5,512
Direct Government payment							
commodities	177,801	110,866	77,823	40,235	16,341	6,631	753
Price-support-only commodities	358,669	136,654	87,465	52,375	23,031	7,532	969
Nonsupported commodities	3,183,917	481,937	188,947	65,789	27,491	15,102	3,790
Government payments	29,616	34,922	28,833	17,017	7,759	3,663	573
Farm-related income	100,018	17,306	8,956	7,421	5,165	3,191	1,346
Cash expenses	2,514,715	515,014	247,571	115,162	53,198	25,676	7,516
Net cash income	1,335,307	266,670	144,452	67,675	26,589	10,443	-86

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 32--Number of farms, and net cash income, by value of sales class, 1988 1/

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
	Thousands						
Number of farms	12	21	60	218	312	248	1,327
	Million dollars						
Total:							
Gross cash income	46,055	16,857	23,957	40,762	25,407	9,111	9,755
Cash receipts from marketings	44,712	15,531	21,033	34,229	20,818	7,321	7,438
Direct Government payment commodities	1,878	2,102	4,100	7,713	4,479	1,440	870
Price-support-only commodities	4,186	2,965	5,409	11,731	7,399	1,967	1,328
Nonsupported commodities	38,648	10,464	11,524	14,785	8,940	3,914	5,240
Government payments	603	1,061	2,433	5,277	3,299	1,121	685
Farm-related income	740	264	491	1,256	1,290	668	1,632
Cash expenses	30,197	11,098	14,949	25,220	16,649	6,375	10,018
Net cash income	15,858	5,758	9,009	15,542	8,758	2,735	-263
	Percent						
Percent of total:							
Number of farms	0.5	1.0	2.7	9.9	14.2	11.3	60.4
Gross cash income	26.8	9.8	13.9	23.7	14.8	5.3	5.7
Cash receipts from marketings	29.6	10.3	13.9	22.7	13.8	4.8	4.9
Direct Government payment commodities	8.3	9.3	18.2	34.2	19.8	6.4	3.9
Price-support-only commodities	12.0	8.5	15.5	33.5	21.1	5.6	3.8
Nonsupported commodities	41.3	11.2	12.3	15.8	9.6	4.2	5.6
Government payments	4.2	7.3	16.8	36.4	22.8	7.7	4.7
Farm-related income	11.7	4.2	7.7	19.8	20.3	10.5	25.7
Cash expenses	26.4	9.7	13.1	22.0	14.5	5.6	8.7
Net cash income	27.6	10.0	15.7	27.1	15.3	4.8	-0.5
	Dollars						
Per farm operation: 2/							
Gross cash income	3,964,652	797,829	402,403	187,397	81,435	36,696	7,351
Cash receipts from marketings	3,849,021	735,081	353,289	157,361	66,726	29,489	5,605
Direct Government payment commodities	161,686	99,511	68,868	35,459	14,356	5,799	656
Price-support-only commodities	360,309	140,323	90,854	53,933	23,716	7,924	1,001
Nonsupported commodities	3,327,026	495,247	193,566	67,969	28,654	15,766	3,949
Government payments	51,947	50,241	40,862	24,261	10,575	4,515	516
Farm-related income	63,684	12,507	8,252	5,775	4,134	2,692	1,230
Cash expenses	2,599,534	525,297	251,087	115,944	53,364	25,679	7,549
Net cash income	1,365,118	272,532	151,316	71,453	28,071	11,017	-198

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 33--Number of farms, and net cash income, by value of sales class, 1987 1/

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
	Thousands						
Number of farms	10	19	59	212	316	235	1,361
	Million dollars						
Total:							
Gross cash income	41,950	15,185	24,201	40,163	25,611	8,455	9,531
Cash receipts from marketings	39,452	13,813	20,867	33,066	20,713	6,698	7,148
Direct Government payment commodities	1,648	1,855	4,075	7,459	4,464	1,338	861
Price-support-only commodities	3,767	2,591	5,179	10,997	7,152	1,698	1,168
Nonsupported commodities	34,037	9,366	11,614	14,610	9,097	3,662	5,119
Government payments	630	1,120	2,875	6,101	3,961	1,254	807
Farm-related income	1,867	252	459	995	936	503	1,576
Cash expenses	26,707	9,901	14,957	24,811	17,042	6,087	10,253
Net cash income	15,243	5,284	9,244	15,352	8,569	2,367	-722
	Percent						
Percent of total:							
Number of farms	0.5	0.9	2.7	9.6	14.3	10.6	61.5
Gross cash income	25.4	9.2	14.7	24.3	15.5	5.1	5.8
Cash receipts from marketings	27.8	9.7	14.7	23.3	14.6	4.7	5.0
Direct Government payment commodities	7.6	8.5	18.8	34.4	20.6	6.2	4.0
Price-support-only commodities	11.6	8.0	15.9	33.8	22.0	5.2	3.6
Nonsupported commodities	38.9	10.7	13.3	16.7	10.4	4.2	5.8
Government payments	3.8	6.7	17.2	36.4	23.7	7.5	4.8
Farm-related income	28.3	3.8	7.0	15.1	14.2	7.6	23.9
Cash expenses	24.3	9.0	13.6	22.6	15.5	5.5	9.3
Net cash income	27.5	9.5	16.7	27.7	15.5	4.3	-1.3
	Dollars						
Per farm operation: 2/							
Gross cash income	4,091,942	806,254	407,201	189,050	80,931	36,043	7,003
Cash receipts from marketings	3,848,312	733,403	351,105	155,648	65,455	28,555	5,252
Direct Government payment commodities	160,738	98,507	68,564	35,112	14,107	5,706	633
Price-support-only commodities	367,465	137,580	87,135	51,766	22,600	7,240	858
Nonsupported commodities	3,320,109	497,315	195,406	68,770	28,748	15,610	3,761
Government payments	61,488	59,468	48,367	28,716	12,517	5,344	593
Farm-related income	182,142	13,383	7,729	4,685	2,959	2,144	1,158
Cash expenses	2,605,092	525,685	251,664	116,787	53,854	25,951	7,534
Net cash income	1,486,850	280,569	155,538	72,263	27,077	10,092	-530

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.



Table 34--Number of farms, and net cash income, by value of sales class, 1986 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
	Thousands					
Number of farms	30	70	217	305	247	1,381
	Million dollars					
Total:						
Gross cash income	49,304	25,340	37,242	23,167	8,512	9,239
Cash receipts from marketings	47,176	23,069	32,377	19,100	6,649	6,932
Government payments	1,025	1,755	3,787	3,015	1,308	923
Farm-related income	1,102	515	1,079	1,052	556	1,384
Cash expenses	32,585	16,412	24,145	15,818	6,169	9,836
Net cash income	16,719	8,927	13,097	7,349	2,344	-596
	Percent					
Percent of total:						
Number of farms	1.3	3.1	9.7	13.5	11.0	61.4
Gross cash income	32.3	16.6	24.4	15.2	5.6	6.0
Cash receipts from marketings	34.9	17.1	23.9	14.1	4.9	5.1
Government payments	8.7	14.9	32.1	25.5	11.1	7.8
Farm-related income	19.4	9.1	19.0	18.5	9.8	24.3
Cash expenses	31.0	15.6	23.0	15.1	5.9	9.4
Net cash income	34.9	18.7	27.4	15.4	4.9	-1.2
	Dollars					
Per farm operation: 2/						
Gross cash income	1,649,057	363,091	171,393	76,019	34,458	6,690
Cash receipts from marketings	1,577,891	330,555	149,002	62,673	26,913	5,020
Government payments	34,291	25,151	17,426	9,895	5,295	668
Farm-related income	36,875	7,385	4,964	3,451	2,250	1,002
Cash expenses	1,089,867	235,172	111,119	51,904	24,970	7,122
Net cash income	559,190	127,919	60,273	24,115	9,488	-432

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 35--Number of farms, and net cash income, by value of sales class, 1985 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
	Thousands					
Number of farms	27	76	223	328	244	1,394
	Million dollars					
Total:						
Gross cash income	45,487	28,856	39,642	25,733	8,624	9,512
Cash receipts from marketings	43,462	26,763	36,051	22,733	7,361	7,745
Government payments	837	1,470	2,450	1,842	702	403
Farm-related income	1,188	624	1,141	1,158	560	1,363
Cash expenses	30,502	18,925	26,277	18,127	6,511	10,373
Net cash income	14,985	9,931	13,365	7,606	2,113	-862
	Percent					
Percent of total:						
Number of farms	1.2	3.3	9.7	14.3	10.7	60.8
Gross cash income	28.8	18.3	25.1	16.3	5.5	6.0
Cash receipts from marketings	30.2	18.6	25.0	15.8	5.1	5.4
Government payments	10.9	19.1	31.8	23.9	9.1	5.2
Farm-related income	19.7	10.3	18.9	19.2	9.3	22.6
Cash expenses	27.5	17.1	23.7	16.4	5.9	9.4
Net cash income	31.8	21.1	28.4	16.1	4.5	-1.8
	Dollars					
Per farm operation: 2/						
Gross cash income	1,667,537	377,844	177,783	78,472	35,314	6,824
Cash receipts from marketings	1,593,283	350,432	161,679	69,324	30,146	5,557
Government payments	30,691	19,242	10,987	5,616	2,877	289
Farm-related income	43,563	8,169	5,118	3,531	2,291	978
Cash expenses	1,118,176	247,804	117,844	55,278	26,661	7,443
Net cash income	549,361	130,039	59,939	23,194	8,653	-618

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 36--Number of farms, and net cash income, by value of sales class, 1984 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
				Thousands		
Number of farms	32	77	230	345	248	1,401
				Million dollars		
Total:						
Gross cash income	50,679	27,210	37,592	24,205	7,714	8,713
Cash receipts from marketings	48,601	25,079	33,729	21,487	6,750	7,136
Government payments	1,077	1,590	2,991	1,826	544	402
Farm-related income	1,001	541	872	893	420	1,175
Cash expenses	35,486	19,420	27,510	19,283	6,671	10,311
Net cash income	15,193	7,790	10,082	4,923	1,043	-1,597
				Percent		
Percent of total:						
Number of farms	1.4	3.3	9.9	14.8	10.6	60.0
Gross cash income	32.5	17.4	24.1	15.5	4.9	5.6
Cash receipts from marketings	34.0	17.6	23.6	15.0	4.7	5.0
Government payments	12.8	18.9	35.5	21.7	6.5	4.8
Farm-related income	20.4	11.0	17.8	18.2	8.6	24.0
Cash expenses	29.9	16.4	23.2	16.2	5.6	8.7
Net cash income	40.6	20.8	26.9	13.1	2.8	-4.3
				Dollars		
Per farm operation: 2/						
Gross cash income	1,569,893	351,164	163,146	70,262	31,134	6,218
Cash receipts from marketings	1,505,529	323,663	146,381	62,371	27,243	5,093
Government payments	33,360	20,524	12,981	5,300	2,196	287
Farm-related income	31,004	6,977	3,784	2,591	1,695	839
Cash expenses	1,099,255	250,625	119,392	55,973	26,923	7,358
Net cash income	470,638	100,539	43,754	14,289	4,211	-1,140

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.



Table 37--Number of farms, and net cash income, by value of sales class, 1983 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
	Thousands					
Number of farms	23	64	240	352	289	1,412
	Million dollars					
Total:						
Gross cash income	39,900	24,550	41,697	26,407	9,525	9,043
Cash receipts from marketings	37,615	22,298	37,595	23,421	8,389	7,452
Government payments	1,107	1,769	3,202	2,045	669	504
Farm-related income	1,178	482	900	941	467	1,087
Cash expenses	27,429	17,034	29,888	20,161	7,877	10,380
Net cash income	12,471	7,516	11,809	6,247	1,648	-1,337
	Percent					
Percent of total:						
Number of farms	0.9	2.7	10.1	14.8	12.2	59.3
Gross cash income	26.4	16.2	27.6	17.5	6.3	6.0
Cash receipts from marketings	27.5	16.3	27.5	17.1	6.1	5.4
Government payments	11.9	19.0	34.4	22.0	7.2	5.4
Farm-related income	23.3	9.5	17.8	18.6	9.2	21.5
Cash expenses	24.3	15.1	26.5	17.9	7.0	9.2
Net cash income	32.5	19.6	30.8	16.3	4.3	-3.5
	Dollars					
Per farm operation: 2/						
Gross cash income	1,772,080	385,936	173,901	75,030	32,939	6,406
Cash receipts from marketings	1,670,581	350,543	156,794	66,546	29,012	5,279
Government payments	49,163	27,809	13,353	5,810	2,312	357
Farm-related income	52,336	7,584	3,754	2,674	1,615	770
Cash expenses	1,218,216	267,787	124,649	57,282	27,241	7,353
Net cash income	553,863	118,149	49,252	17,748	5,698	-947

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 38--Number of farms, and net cash income, by value of sales class, 1982 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
	Thousands					
Number of farms	30	63	232	358	267	1,457
	Million dollars					
Total:						
Gross cash income	47,708	22,489	37,792	25,647	8,529	9,113
Cash receipts from marketings	46,059	21,594	35,873	23,612	7,738	7,685
Government payments	293	387	1,005	1,065	355	387
Farm-related income	1,356	507	914	970	437	1,040
Cash expenses	33,093	15,934	27,487	19,538	6,972	10,154
Net cash income	14,615	6,555	10,305	6,109	1,557	-1,041
	Percent					
Percent of total:						
Number of farms	1.2	2.6	9.6	14.9	11.1	60.5
Gross cash income	31.5	14.9	25.0	17.0	5.6	6.0
Cash receipts from marketings	32.3	15.1	25.2	16.6	5.4	5.4
Government payments	8.4	11.1	28.8	30.5	10.2	11.1
Farm-related income	26.0	9.7	17.5	18.6	8.4	19.9
Cash expenses	29.2	14.1	24.3	17.3	6.2	9.0
Net cash income	38.4	17.2	27.0	16.0	4.1	-2.7
	Dollars					
Per farm operation: 2/						
Gross cash income	1,596,853	356,679	162,868	71,720	31,897	6,257
Cash receipts from marketings	1,541,667	342,494	154,599	66,030	28,937	5,276
Government payments	9,805	6,144	4,330	2,978	1,326	266
Farm-related income	45,382	8,040	3,940	2,712	1,633	714
Cash expenses	1,107,672	252,713	118,459	54,636	26,073	6,971
Net cash income	489,181	103,965	44,409	17,084	5,823	-715

1/ See note following table 44. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 39--Number of farms, by value of sales class, 1970-90 1/

Year	: \$1,000,000 or more	: \$500,000 to \$999,999 2/	: \$250,000 to \$499,999 3/	: \$100,000 to \$249,999 4/	: \$40,000 to \$99,999	: \$20,000 to \$39,999	: Less than \$20,000	: All farms
Thousands								
1970	NA	4	13	36	165	302	2,429	2,949
1971	NA	5	15	40	174	300	2,368	2,902
1972	NA	6	20	53	207	305	2,269	2,860
1973	NA	10	36	91	308	327	2,051	2,823
1974	NA	11	40	100	330	330	1,984	2,795
1975	NA	11	38	96	316	315	1,745	2,521
1976	NA	13	44	107	324	308	1,701	2,497
1977	NA	13	45	109	323	302	1,664	2,456
1978	NA	17	60	135	347	292	1,585	2,436
1979	NA	20	71	151	351	287	1,558	2,437
1980	NA	24	81	166	355	282	1,532	2,440
1981	NA	27	92	182	359	276	1,504	2,440
1982	NA	30	63	232	358	267	1,457	2,407
1983	NA	23	64	240	352	289	1,412	2,379
1984	NA	32	77	230	345	248	1,401	2,334
1985	NA	27	76	223	328	244	1,394	2,293
1986	NA	30	70	217	305	247	1,381	2,250
1987	10	19	59	212	316	235	1,361	2,213
1988	12	21	60	218	312	248	1,327	2,197
1989	13	26	67	206	315	265	1,278	2,171
1990	16	27	64	214	306	259	1,254	2,140
Percentage distribution								
1970	NA	0.1	0.4	1.2	5.6	10.2	82.4	100.0
1971	NA	0.2	0.5	1.4	6.0	10.3	81.6	100.0
1972	NA	0.2	0.7	1.9	7.2	10.7	79.3	100.0
1973	NA	0.4	1.3	3.2	10.9	11.6	72.7	100.0
1974	NA	0.4	1.4	3.6	11.8	11.8	71.0	100.0
1975	NA	0.4	1.5	3.8	12.5	12.5	69.2	100.0
1976	NA	0.5	1.8	4.3	13.0	12.3	68.1	100.0
1977	NA	0.5	1.8	4.4	13.2	12.3	67.8	100.0
1978	NA	0.7	2.5	5.6	14.2	12.0	65.1	100.0
1979	NA	0.8	2.9	6.2	14.4	11.8	63.9	100.0
1980	NA	1.0	3.3	6.8	14.5	11.6	62.8	100.0
1981	NA	1.1	3.8	7.4	14.7	11.3	61.7	100.0
1982	NA	1.2	2.6	9.6	14.9	11.1	60.5	100.0
1983	NA	0.9	2.7	10.1	14.8	12.2	59.3	100.0
1984	NA	1.4	3.3	9.9	14.8	10.6	60.0	100.0
1985	NA	1.2	3.3	9.7	14.3	10.7	60.8	100.0
1986	NA	1.3	3.1	9.7	13.5	11.0	61.4	100.0
1987	0.5	0.9	2.7	9.6	14.3	10.6	61.5	100.0
1988	0.5	1.0	2.7	9.9	14.2	11.3	60.4	100.0
1989	0.6	1.2	3.1	9.5	14.5	12.2	58.9	100.0
1990	0.7	1.3	3.0	10.0	14.3	12.1	58.6	100.0

NA = not available. 1/ See estimation note following table 44. 2/ For 1970-86, data are for sales class \$500,000 or more. 3/ For 1970-81, data are for sales class \$200,000 to \$499,999. 4/ For 1970-81, data are for sales class \$100,000 to \$199,999.



Table 40--Net cash income, by value of sales class, 1978-90 1/

Year	: \$1,000,000 or more	: \$500,000 to \$999,999 2/	: \$250,000 to \$499,999 3/	: \$100,000 to \$249,999 4/	: \$40,000 to \$99,999	: \$20,000 to \$39,999	: Less than \$20,000	: All farms
Million dollars								
1978	NA	10,254	5,927	6,549	7,733	2,505	162	33,130
1979	NA	11,488	7,031	7,006	6,744	1,960	-817	33,412
1980	NA	12,300	7,851	7,657	6,559	1,717	-1,884	34,199
1981	NA	13,647	8,636	7,322	4,892	960	-2,678	32,779
1982	NA	14,615	6,555	10,305	6,109	1,557	-1,041	38,100
1983	NA	12,471	7,516	11,809	6,247	1,648	-1,337	38,353
1984	NA	15,193	7,790	10,082	4,923	1,043	-1,597	37,434
1985	NA	14,985	9,931	13,365	7,606	2,113	-862	47,139
1986	NA	16,719	8,927	13,097	7,349	2,344	-596	47,840
1987	15,243	5,284	9,244	15,352	8,569	2,367	-722	55,337
1988	15,858	5,758	9,009	15,542	8,758	2,735	-263	57,397
1989	17,884	6,847	9,720	13,955	8,368	2,765	-110	59,429
1990	19,293	7,454	10,163	15,064	7,928	2,381	-464	61,819
Percentage distribution								
1978	NA	31.0	17.9	19.8	23.3	7.6	0.5	100.0
1979	NA	34.4	21.0	21.0	20.2	5.9	-2.4	100.0
1980	NA	36.0	23.0	22.4	19.2	5.0	-5.5	100.0
1981	NA	41.6	26.3	22.3	14.9	2.9	-8.2	100.0
1982	NA	38.4	17.2	27.0	16.0	4.1	-2.7	100.0
1983	NA	32.5	19.6	30.8	16.3	4.3	-3.5	100.0
1984	NA	40.6	20.8	26.9	13.1	2.8	-4.3	100.0
1985	NA	31.8	21.1	28.4	16.1	4.5	-1.8	100.0
1986	NA	34.9	18.7	27.4	15.4	4.9	-1.2	100.0
1987	27.5	9.5	16.7	27.7	15.5	4.3	-1.3	100.0
1988	27.6	10.0	15.7	27.1	15.3	4.8	-0.5	100.0
1989	30.1	11.5	16.4	23.5	14.1	4.7	-0.2	100.0
1990	31.2	12.1	16.4	24.4	12.8	3.9	-0.7	100.0

NA = not available. 1/ See estimation note following table 44. Data not available before 1978.  
 2/ For 1978-86, data are for sales class \$500,000 or more. 3/ For 1978-81, data are for sales  
 class \$200,000 to \$499,999. 4/ For 1978-81, data are for sales class \$100,000 to \$199,999.

Table 41--Gross cash income, by value of sales class, 1978-90 1/

Year	\$1,000,000 or more	\$500,000 to \$999,999 2/	\$250,000 to \$499,999 3/	\$100,000 to \$249,999 4/	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000	All farms
Million dollars								
1978	NA	30,920	19,650	21,149	25,492	9,753	10,319	117,283
1979	NA	38,092	25,015	25,033	26,646	9,845	10,511	135,142
1980	NA	40,513	28,600	27,724	26,982	9,575	9,901	143,295
1981	NA	42,837	31,580	28,867	25,227	8,548	8,964	146,023
1982	NA	47,708	22,489	37,792	25,647	8,529	9,113	151,278
1983	NA	39,900	24,550	41,697	26,407	9,525	9,043	151,122
1984	NA	50,679	27,210	37,592	24,205	7,714	8,713	156,115
1985	NA	45,487	28,856	39,642	25,733	8,624	9,512	157,853
1986	NA	49,304	25,340	37,242	23,167	8,512	9,239	152,805
1987	41,950	15,185	24,201	40,163	25,611	8,455	9,531	165,095
1988	46,055	16,857	23,957	40,762	25,407	9,111	9,755	171,904
1989	51,563	20,071	26,378	37,701	25,111	9,564	9,499	179,887
1990	57,496	21,234	25,779	39,370	24,047	9,000	9,051	185,978
Percentage distribution								
1978	NA	26.4	16.8	18.0	21.7	8.3	8.8	100.0
1979	NA	28.2	18.5	18.5	19.7	7.3	7.8	100.0
1980	NA	28.3	20.0	19.3	18.8	6.7	6.9	100.0
1981	NA	29.3	21.6	19.8	17.3	5.9	6.1	100.0
1982	NA	31.5	14.9	25.0	17.0	5.6	6.0	100.0
1983	NA	26.4	16.2	27.6	17.5	6.3	6.0	100.0
1984	NA	32.5	17.4	24.1	15.5	4.9	5.6	100.0
1985	NA	28.8	18.3	25.1	16.3	5.5	6.0	100.0
1986	NA	32.3	16.6	24.4	15.2	5.6	6.0	100.0
1987	25.4	9.2	14.7	24.3	15.5	5.1	5.8	100.0
1988	26.8	9.8	13.9	23.7	14.8	5.3	5.7	100.0
1989	28.7	11.2	14.7	21.0	14.0	5.3	5.3	100.0
1990	30.9	11.4	13.9	21.2	12.9	4.8	4.9	100.0

NA = not available. 1/ See estimation note following table 44. 2/ For 1978-86, data are for sales class \$500,000 or more. 3/ For 1978-81, data are for sales class \$200,000 to \$499,999. 4/ For 1978-81, data are for sales class \$100,000 to \$199,999.

Table 42--Direct Government payments, by value of sales class, 1970-90 1/

Year	\$1,000,000 or more	\$500,000 to \$999,999 2/	\$250,000 to \$499,999 3/	\$100,000 to \$249,999 4/	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000	All farms
Million dollars								
1970	NA	124	140	266	708	826	1,653	3,717
1971	NA	116	130	244	622	685	1,348	3,145
1972	NA	180	206	373	862	814	1,526	3,961
1973	NA	172	193	334	677	468	763	2,607
1974	NA	46	40	63	136	100	146	531
1975	NA	57	64	105	231	140	212	809
1976	NA	48	69	112	231	117	156	733
1977	NA	103	184	305	618	279	330	1,819
1978	NA	171	378	601	1,059	397	423	3,029
1979	NA	88	191	288	461	168	180	1,375
1980	NA	91	195	282	414	146	158	1,286
1981	NA	148	316	441	599	206	223	1,932
1982	NA	293	387	1,005	1,065	355	387	3,492
1983	NA	1,107	1,769	3,202	2,045	669	504	9,295
1984	NA	1,077	1,590	2,991	1,826	544	402	8,430
1985	NA	837	1,470	2,450	1,842	702	403	7,704
1986	NA	1,025	1,755	3,787	3,015	1,308	923	11,813
1987	630	1,120	2,875	6,101	3,961	1,254	807	16,747
1988	603	1,061	2,433	5,277	3,299	1,121	685	14,480
1989	397	897	1,940	3,509	2,442	970	733	10,887
1990	436	985	2,130	3,222	1,760	524	241	9,298
Percentage distribution								
1970	NA	3.3	3.8	7.2	19.0	22.2	44.5	100.0
1971	NA	3.7	4.1	7.8	19.8	21.8	42.9	100.0
1972	NA	4.5	5.2	9.4	21.8	20.6	38.5	100.0
1973	NA	6.6	7.4	12.8	26.0	18.0	29.3	100.0
1974	NA	8.7	7.5	11.9	25.6	18.8	27.5	100.0
1975	NA	7.0	7.9	13.0	28.6	17.3	26.2	100.0
1976	NA	6.5	9.4	15.3	31.5	16.0	21.3	100.0
1977	NA	5.7	10.1	16.8	34.0	15.3	18.1	100.0
1978	NA	5.6	12.5	19.8	35.0	13.1	14.0	100.0
1979	NA	6.4	13.9	20.9	33.5	12.2	13.1	100.0
1980	NA	7.1	15.2	21.9	32.2	11.4	12.3	100.0
1981	NA	7.7	16.3	22.8	31.0	10.6	11.5	100.0
1982	NA	8.4	11.1	28.8	30.5	10.2	11.1	100.0
1983	NA	11.9	19.0	34.4	22.0	7.2	5.4	100.0
1984	NA	12.8	18.9	35.5	21.7	6.5	4.8	100.0
1985	NA	10.9	19.1	31.8	23.9	9.1	5.2	100.0
1986	NA	8.7	14.9	32.1	25.5	11.1	7.8	100.0
1987	3.8	6.7	17.2	36.4	23.7	7.5	4.8	100.0
1988	4.2	7.3	16.8	36.4	22.8	7.7	4.7	100.0
1989	3.6	8.2	17.8	32.2	22.4	8.9	6.7	100.0
1990	4.7	10.6	22.9	34.7	18.9	5.6	2.6	100.0

NA = not available. 1/ See estimation note following table 44. 2/ For 1970-86, data are for sales class \$500,000 or more. 3/ For 1970-81, data are for sales class \$200,000 to \$499,999. 4/ For 1970-81, data are for sales class \$100,000 to \$199,999.

Table 43--Cash expenses, by value of sales class, 1978-90 1/

Year	: \$1,000,000 or more	: \$500,000 to \$999,999 2/	: \$250,000 to \$499,999 3/	: \$100,000 to \$249,999 4/	: \$40,000 to \$99,999	: \$20,000 to \$39,999	: Less than \$20,000	: All farms
Million dollars								
1978	NA	20,667	13,723	14,600	17,759	7,248	10,157	84,154
1979	NA	26,605	17,983	18,027	19,901	7,885	11,329	101,730
1980	NA	28,213	20,749	20,067	20,423	7,859	11,785	109,096
1981	NA	29,191	22,944	21,545	20,335	7,588	11,642	113,244
1982	NA	33,093	15,934	27,487	19,538	6,972	10,154	113,178
1983	NA	27,429	17,034	29,888	20,161	7,877	10,380	112,769
1984	NA	35,486	19,420	27,510	19,283	6,671	10,311	118,681
1985	NA	30,502	18,925	26,277	18,127	6,511	10,373	110,714
1986	NA	32,585	16,412	24,145	15,818	6,169	9,836	104,965
1987	26,707	9,901	14,957	24,811	17,042	6,087	10,253	109,758
1988	30,197	11,098	14,949	25,220	16,649	6,375	10,018	114,507
1989	33,680	13,223	16,658	23,746	16,743	6,799	9,609	120,458
1990	38,203	13,780	15,617	24,306	16,119	6,619	9,515	124,159
Percentage distribution								
1978	NA	24.6	16.3	17.3	21.1	8.6	12.1	100.0
1979	NA	19.7	13.3	13.3	14.7	5.8	8.4	100.0
1980	NA	25.9	19.0	18.4	18.7	7.2	10.8	100.0
1981	NA	25.8	20.3	19.0	18.0	6.7	10.3	100.0
1982	NA	29.2	14.1	24.3	17.3	6.2	9.0	100.0
1983	NA	24.3	15.1	26.5	17.9	7.0	9.2	100.0
1984	NA	29.9	16.4	23.2	16.2	5.6	8.7	100.0
1985	NA	27.5	17.1	23.7	16.4	5.9	9.4	100.0
1986	NA	31.0	15.6	23.0	15.1	5.9	9.4	100.0
1987	24.3	9.0	13.6	22.6	15.5	5.5	9.3	100.0
1988	26.4	9.7	13.1	22.0	14.5	5.6	8.7	100.0
1989	28.0	11.0	13.8	19.7	13.9	5.6	8.0	100.0
1990	30.8	11.1	12.6	19.6	13.0	5.3	7.7	100.0

NA = not available. 1/ See estimation note following table 44. 2/ For 1978-86, data are for sales class \$500,000 or more. 3/ For 1978-81, data are for sales class \$200,000 to \$499,999. 4/ For 1978-81, data are for sales class \$100,000 to \$199,999.



Table 44--Off-farm cash income of the principal farm operator and family, by value of sales class  
1980-90 1/

Year	: \$1,000,000 : or : more	: \$500,000 : to : \$999,999	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: Less : than : \$20,000
	: 2/	: 2/	: 3/	: 4/	: 4/	: 4/	: 4/
Million dollars							
Total:							
1980	NA	469	887	1,526	3,118	3,148	25,546
1981	NA	497	1,009	1,723	3,215	3,268	26,089
1982	NA	509	700	2,282	3,277	3,345	26,315
1983	NA	451	714	2,312	3,224	3,345	26,973
1984	NA	470	896	2,482	3,446	3,528	28,357
1985	NA	618	1,138	2,897	5,872	5,325	39,310
1986	NA	901	1,219	3,056	4,779	4,547	40,045
1987	306	507	1,522	3,643	5,365	5,902	39,073
1988	342	566	1,699	4,065	5,641	6,402	38,448
1989	338	590	1,649	3,310	5,899	6,477	39,036
1990	441	708	1,774	3,873	7,754	8,266	44,159
Percent							
Percentage distribution:							
1980	NA	1.4	2.6	4.4	9.0	9.1	73.6
1981	NA	1.4	2.8	4.8	9.0	9.1	72.9
1982	NA	1.4	1.9	6.3	9.0	9.2	72.2
1983	NA	1.2	1.9	6.2	8.7	9.0	72.9
1984	NA	1.2	2.3	6.3	8.8	9.0	72.4
1985	NA	1.1	2.1	5.3	10.6	9.7	71.3
1986	NA	1.7	2.2	5.6	8.8	8.3	73.4
1987	0.5	0.9	2.7	6.5	9.5	10.5	69.4
1988	0.6	1.0	3.0	7.1	9.9	11.2	67.3
1989	0.8	1.2	3.1	6.8	10.3	11.3	68.1
1990	0.7	1.1	2.6	5.8	11.6	12.3	65.9
Dollars							
Per family:							
1980	NA	19,818	10,936	9,177	8,787	10,890	16,677
1981	NA	18,406	11,002	9,489	8,961	11,819	17,342
1982	NA	17,035	11,102	9,833	9,164	12,510	18,066
1983	NA	20,044	11,230	9,641	9,159	11,569	19,108
1984	NA	14,551	11,560	10,773	10,003	14,240	20,236
1985	NA	22,646	14,900	12,994	17,906	21,808	28,204
1986	NA	30,133	17,473	14,063	15,680	18,408	28,996
1987	29,861	26,910	25,617	17,149	16,953	25,162	28,709
1988	29,406	26,766	28,535	18,689	18,082	25,787	28,972
1989	25,259	22,991	24,511	16,054	18,742	24,460	30,534
1990	28,472	25,916	27,629	18,096	25,335	31,916	35,206

1/ Starting with 1985 the survey question on off-farm income was changed so that farmers reported the appropriate range of their off-farm income rather than their actual income. As the result of the changed question, more farmers reported their off-farm income. See footnotes for table 7 for more information. 2/ The jump between the 1989 and 1990 off-farm income figures do not represent a true increase in income. Some of the increase resulted from an improved question on the 1990 FCRS.

## Value of Agricultural Sales Class Estimation Note

The categorization of farms into sales classes is based on the gross market value of all agricultural products that are sold, placed under the CCC loan program, or otherwise removed from the farm plus the value of direct Government payments for 1987-90. Prior to 1987, the value of direct Government payments is not included in the definition of a sales class category.

The estimates by sales class are based on information from many sources. The majority of data used to compute the sales class accounts are derived from the *Census of Agriculture* and the annual Farm Costs and Returns Survey (FCRS).

More specifically, annual farm income and expense items are generally distributed to sales classes based on per-farm benchmarks from the last census. Because our data are based on the census, our sales class definitions follow census's definitions. Census data are collected every 4 or 5 years, and there is a considerable lag in their availability. Estimates for years following 1987 are based on the 1987 census benchmarks by sales class. Therefore, these estimates may be subject to substantial revisions when data from the next census become available. The distribution of Government payments to sales classes for 1983-90 are based on FCRS survey data.

Table 45--Farm sector balance sheet components (excluding operator households), December 31, 1945-90

	Physical assets					Financial assets			
Year	Nonreal estate					Invest- ments in coop- eratives	Other	Total assets	
	Real estate	Livestock and poultry	Machinery and motor vehicles	Crops	Purchased inputs				
Billion dollars									
1945	51.5	9.7	4.9	6.0	NA	1.7	7.4	81.3	
1946	58.5	11.9	4.7	7.0	NA	1.9	8.0	92.1	
1947	62.5	13.3	6.4	8.9	NA	2.0	7.8	100.9	
1948	64.5	14.4	9.0	7.4	NA	2.2	7.5	105.0	
1949	63.4	12.9	10.8	5.9	NA	2.4	7.0	102.4	
1950	75.4	17.1	12.3	7.1	NA	2.7	7.0	121.6	
1951	83.8	19.5	14.3	8.2	NA	2.9	7.3	136.1	
1952	85.1	14.8	15.0	7.9	NA	3.2	7.1	133.0	
1953	84.3	11.7	15.6	6.8	NA	3.3	7.0	128.7	
1954	87.8	11.2	15.7	7.5	NA	3.5	6.9	132.6	
1955	93.0	10.6	16.3	6.5	NA	3.7	6.9	137.0	
1956	100.3	11.0	16.9	6.8	NA	4.0	6.7	145.7	
1957	106.4	13.9	17.0	6.4	NA	4.2	6.6	154.5	
1958	114.6	17.7	18.1	6.9	NA	4.5	6.9	168.7	
1959	121.2	15.2	19.3	6.6	NA	4.8	6.2	173.4	
1960	123.3	15.6	19.1	6.2	NA	4.2	5.8	174.2	
1961	129.1	16.4	19.3	6.3	NA	4.5	5.9	181.5	
1962	134.6	17.3	19.9	6.4	NA	4.6	5.9	188.7	
1963	142.4	15.9	20.4	7.2	NA	5.0	5.7	196.5	
1964	150.5	14.4	21.2	6.8	NA	5.2	5.8	204.0	
1965	161.5	17.6	22.4	7.7	NA	5.4	6.0	220.6	
1966	171.2	19.0	24.1	7.8	NA	5.7	6.0	233.7	
1967	180.9	18.8	26.3	7.7	NA	5.8	6.1	245.7	
1968	189.4	20.2	27.7	7.2	NA	6.1	6.3	256.9	
1969	195.3	22.5	28.6	8.1	NA	6.4	6.4	267.3	
1970	202.4	23.7	30.4	8.5	NA	7.2	6.5	278.7	
1971	217.6	27.3	32.4	9.7	NA	7.9	6.7	301.5	
1972	243.0	33.7	34.6	12.7	NA	8.7	6.9	339.7	
1973	298.3	42.4	39.7	21.1	NA	9.7	7.1	418.2	
1974	335.6	24.6	48.5	22.4	NA	11.2	6.9	449.1	
1975	383.6	29.4	57.4	20.5	NA	13.0	6.9	510.7	
1976	456.5	29.0	63.3	20.6	NA	14.3	6.9	590.8	
1977	509.3	31.9	69.3	20.6	NA	13.5	7.0	651.7	
1978	601.8	50.1	68.5	23.9	NA	16.1	7.1	767.5	
1979	706.1	61.4	75.4	30.0	NA	18.1	7.3	898.2	
1980	782.8	60.6	80.3	32.8	NA	19.3	7.4	983.3	
1981	785.6	53.5	85.5	30.0	NA	20.6	7.6	982.8	
1982	750.0	53.0	86.0	26.4	NA	21.9	7.8	945.1	
1983	753.4	49.5	85.8	24.4	NA	22.8	8.1	944.0	
1984	661.7	49.5	85.0	26.3	2.0	24.3	8.3	857.1	
1985	586.1	46.3	82.9	22.9	1.2	24.3	9.0	772.6	
1986	542.2	47.8	81.5	16.6	2.1	24.4	10.0	724.6	
1987	578.6	58.0	80.0	17.8	3.0	25.3	9.9	772.5	
1988	599.4	62.2	82.0	22.7	3.3	25.1	10.4	805.1	
1989	605.1	66.2	85.8	23.3	2.7	26.1	10.4	819.7	
1990	614.4	69.1	87.4	22.4	2.8	27.6	10.8	834.6	

See footnote at end of table.

continued--

Table 45--Farm sector balance sheet components (excluding operator households),  
December 31, 1945-90--continued

	Liabilities			Proprietors'	Total	Debt-to-
Year	Real	Nonreal	Total	equity	claims	asset ratio
	estate	estate	liabilities			
	debt	debt				
	Billion dollars					Percent
1945	4.1	2.6	6.7	74.6	81.3	8.3
1946	4.2	3.2	7.4	84.7	92.1	8.0
1947	4.3	3.8	8.1	92.8	100.9	8.0
1948	4.5	4.6	9.1	96.0	105.0	8.6
1949	4.7	4.8	9.5	92.9	102.4	9.3
1950	5.2	5.7	10.9	110.7	121.6	9.0
1951	5.7	6.9	12.5	123.5	136.1	9.2
1952	6.2	7.1	13.3	119.7	133.0	10.0
1953	6.6	6.3	12.9	115.7	128.7	10.1
1954	7.1	6.7	13.8	118.9	132.6	10.4
1955	7.8	7.3	15.1	121.9	137.0	11.0
1956	8.5	7.4	15.9	129.8	145.7	10.9
1957	9.0	8.2	17.2	137.3	154.5	11.1
1958	9.7	9.4	19.1	149.7	168.7	11.3
1959	10.6	10.7	21.4	152.1	173.4	12.3
1960	11.3	11.1	22.4	151.7	174.2	12.9
1961	12.3	11.8	24.1	157.3	181.5	13.3
1962	13.5	13.2	26.7	162.1	188.7	14.1
1963	15.0	14.6	29.6	167.0	196.5	15.0
1964	16.9	15.3	32.2	171.8	204.0	15.8
1965	18.9	16.9	35.8	184.8	220.6	16.2
1966	20.7	18.5	39.2	194.5	233.7	16.8
1967	22.6	19.6	42.2	203.5	245.7	17.2
1968	24.7	19.2	43.9	213.0	256.9	17.1
1969	26.4	20.0	46.4	220.8	267.3	17.4
1970	27.5	21.2	48.8	229.9	278.7	17.5
1971	29.3	24.0	53.2	248.3	301.5	17.7
1972	32.0	26.7	58.7	281.0	339.7	17.3
1973	36.1	31.6	67.6	350.6	418.2	16.2
1974	40.8	35.1	75.9	373.2	449.1	16.9
1975	45.3	39.7	85.0	425.7	510.7	16.6
1976	50.5	45.6	96.1	494.7	590.8	16.3
1977	58.4	52.4	110.9	540.8	651.7	17.0
1978	66.7	60.7	127.4	640.1	767.5	16.6
1979	79.7	71.8	151.6	746.7	898.2	16.9
1980	89.7	77.1	166.8	816.5	983.3	17.0
1981	98.8	83.6	182.4	800.4	982.8	18.6
1982	101.8	87.0	188.8	756.3	945.1	20.0
1983	103.2	87.9	191.1	752.9	944.0	20.2
1984	106.7	87.1	193.8	663.3	857.1	22.6
1985	100.1	77.5	177.6	595.0	772.6	23.0
1986	90.4	66.6	157.0	567.6	724.6	21.7
1987	82.4	62.0	144.4	628.1	772.5	18.7
1988	77.6	61.7	139.4	665.8	805.1	17.3
1989	75.3	61.8	137.1	682.6	819.7	16.7
1990	73.4	63.1	136.5	698.2	834.6	16.3

NA = not available.



Table 46--Farm sector balance sheet components (including operator households), December 31, 1945-90

	:	Physical assets					:	Financial assets		:						
	:	Nonreal estate					:	Invest-	:	Total						
Year	:	Real	:	Livestock	:	Machinery	:	Purchased	:	Household	:	in coop-	:	Other	:	assets
	:	estate	:	and	:	and motor	:	inputs	:	equipment &	:	eratives	:		:	
	:		:	poultry	:	vehicles	:		:	furnishings	:		:		:	
Billion dollars																
1945	:	60.5	:	9.7	:	5.4	:	6.0	:	NA	:	5.6	:	1.7	:	102.4
1946	:	68.7	:	11.9	:	5.3	:	7.0	:	NA	:	7.2	:	1.9	:	116.4
1947	:	73.5	:	13.3	:	7.4	:	8.9	:	NA	:	8.1	:	2.0	:	127.4
1948	:	76.0	:	14.4	:	10.1	:	7.4	:	NA	:	8.9	:	2.2	:	133.2
1949	:	75.1	:	12.9	:	12.2	:	5.9	:	NA	:	8.4	:	2.4	:	130.7
1950	:	88.9	:	17.1	:	14.1	:	7.1	:	NA	:	9.6	:	2.7	:	153.3
1951	:	98.7	:	19.5	:	16.7	:	8.2	:	NA	:	10.0	:	2.9	:	170.1
1952	:	100.0	:	14.8	:	17.4	:	7.9	:	NA	:	9.6	:	3.2	:	166.8
1953	:	98.9	:	11.7	:	18.4	:	6.8	:	NA	:	9.5	:	3.3	:	162.8
1954	:	102.5	:	11.2	:	18.7	:	7.5	:	NA	:	9.7	:	3.5	:	167.5
1955	:	108.2	:	10.6	:	19.3	:	6.5	:	NA	:	10.0	:	3.7	:	173.0
1956	:	116.1	:	11.0	:	20.2	:	6.8	:	NA	:	9.6	:	4.0	:	182.2
1957	:	122.7	:	13.9	:	20.1	:	6.4	:	NA	:	9.6	:	4.2	:	191.5
1958	:	131.5	:	17.7	:	21.8	:	6.9	:	NA	:	9.4	:	4.5	:	207.0
1959	:	138.4	:	15.2	:	22.7	:	6.6	:	NA	:	9.2	:	4.8	:	210.8
1960	:	139.7	:	15.6	:	22.2	:	6.2	:	NA	:	8.7	:	4.2	:	210.0
1961	:	145.8	:	16.4	:	22.5	:	6.3	:	NA	:	8.9	:	4.5	:	217.8
1962	:	151.5	:	17.3	:	23.5	:	6.4	:	NA	:	8.8	:	4.6	:	225.7
1963	:	159.7	:	15.9	:	23.9	:	7.2	:	NA	:	8.8	:	5.0	:	233.9
1964	:	168.7	:	14.4	:	24.8	:	6.8	:	NA	:	8.4	:	5.2	:	242.1
1965	:	180.8	:	17.6	:	26.0	:	7.7	:	NA	:	8.4	:	5.4	:	259.9
1966	:	190.7	:	19.0	:	27.4	:	7.8	:	NA	:	8.3	:	5.7	:	273.2
1967	:	201.4	:	18.8	:	29.8	:	7.7	:	NA	:	8.8	:	5.8	:	287.1
1968	:	211.0	:	20.2	:	31.3	:	7.2	:	NA	:	9.4	:	6.1	:	300.4
1969	:	217.1	:	22.5	:	32.3	:	8.1	:	NA	:	9.6	:	6.4	:	311.5
1970	:	224.5	:	23.7	:	34.4	:	8.5	:	NA	:	10.0	:	7.2	:	324.3
1971	:	240.9	:	27.3	:	36.7	:	9.7	:	NA	:	10.8	:	7.9	:	350.1
1972	:	268.7	:	33.7	:	39.3	:	12.7	:	NA	:	11.9	:	8.7	:	393.0
1973	:	329.2	:	42.4	:	44.2	:	21.1	:	NA	:	12.3	:	9.7	:	477.8
1974	:	369.5	:	24.6	:	53.6	:	22.4	:	NA	:	14.0	:	11.2	:	513.2
1975	:	421.0	:	29.4	:	63.1	:	20.5	:	NA	:	14.2	:	13.0	:	579.4
1976	:	499.8	:	29.0	:	70.1	:	20.6	:	NA	:	15.2	:	14.3	:	667.8
1977	:	556.5	:	31.9	:	76.4	:	20.6	:	NA	:	17.2	:	13.5	:	735.2
1978	:	656.0	:	50.1	:	76.4	:	23.9	:	NA	:	20.0	:	16.1	:	862.1
1979	:	767.8	:	61.4	:	82.9	:	30.0	:	NA	:	21.5	:	18.1	:	1,001.6
1980	:	850.1	:	60.6	:	86.9	:	32.8	:	NA	:	19.4	:	19.3	:	1,089.2
1981	:	851.7	:	53.5	:	92.5	:	30.0	:	NA	:	20.8	:	20.6	:	1,089.4
1982	:	819.1	:	53.0	:	92.6	:	26.4	:	NA	:	23.0	:	21.9	:	1,056.8
1983	:	829.3	:	49.5	:	92.1	:	24.4	:	NA	:	24.4	:	22.8	:	1,064.3
1984	:	735.0	:	49.5	:	91.1	:	26.3	:	2.0	:	24.3	:	24.3	:	975.9
1985	:	657.0	:	46.3	:	88.3	:	22.9	:	1.2	:	27.8	:	24.3	:	892.8
1986	:	613.0	:	47.8	:	86.1	:	16.6	:	2.1	:	28.7	:	24.4	:	848.0
1987	:	658.6	:	58.0	:	84.5	:	17.8	:	3.0	:	32.9	:	25.3	:	911.4
1988	:	687.0	:	62.2	:	86.7	:	22.7	:	3.3	:	37.0	:	25.1	:	956.8
1989	:	692.7	:	66.2	:	90.2	:	23.3	:	2.7	:	42.2	:	26.1	:	976.0
1990	:	702.6	:	69.1	:	91.7	:	22.4	:	2.8	:	46.3	:	27.6	:	996.2

See footnote at end of table.

continued--

Table 46--Farm sector balance sheet components (including operator households),  
December 31, 1945-90--continued

	Liabilities			Proprietors'	Total	Debt-to-
Year	Real	Nonreal	Total	equity	claims	asset ratio
	estate	estate	liabilities			
	debt	debt				
-----						
	----- Billion dollars -----					Percent
1945	4.8	2.9	7.6	94.8	102.4	7.4
1946	4.9	3.5	8.3	108.1	116.4	7.2
1947	5.1	4.1	9.2	118.3	127.4	7.2
1948	5.3	4.9	10.2	123.0	133.2	7.7
1949	5.6	5.2	10.7	119.9	130.7	8.2
1950	6.1	6.1	12.3	141.1	153.3	8.0
1951	6.7	7.4	14.1	156.0	170.1	8.3
1952	7.3	7.7	14.9	151.9	166.8	9.0
1953	7.8	6.8	14.6	148.2	162.8	9.0
1954	8.3	7.2	15.5	152.0	167.5	9.2
1955	9.0	7.9	17.0	156.0	173.0	9.8
1956	9.9	8.0	17.8	164.4	182.2	9.8
1957	10.4	8.8	19.2	172.3	191.5	10.0
1958	11.1	10.1	21.2	185.8	207.0	10.2
1959	12.1	11.5	23.7	187.2	210.8	11.2
1960	12.9	12.0	24.8	185.1	210.0	11.8
1961	14.0	12.7	26.7	191.1	217.8	12.2
1962	15.2	14.2	29.4	196.3	225.7	13.0
1963	16.9	15.7	32.5	201.4	233.9	13.9
1964	18.9	16.4	35.3	206.8	242.1	14.6
1965	21.2	18.1	39.3	220.6	259.9	15.1
1966	23.1	19.8	42.9	230.3	273.2	15.7
1967	25.2	20.8	46.0	241.1	287.1	16.0
1968	27.5	20.4	47.9	252.5	300.4	16.0
1969	29.4	21.2	50.5	261.0	311.5	16.2
1970	30.5	22.3	52.8	271.5	324.3	16.3
1971	32.4	25.1	57.5	292.6	350.1	16.4
1972	35.4	28.0	63.3	329.7	393.0	16.1
1973	39.8	33.1	72.9	404.9	477.8	15.2
1974	44.9	36.7	81.7	431.5	513.2	15.9
1975	49.9	41.6	91.5	488.0	579.4	15.8
1976	55.4	47.8	103.2	564.6	667.8	15.5
1977	63.9	55.0	118.9	616.2	735.2	16.2
1978	72.8	63.8	136.6	725.5	862.1	15.8
1979	86.8	75.7	162.5	839.2	1,001.6	16.2
1980	97.5	81.2	178.7	910.5	1,089.2	16.4
1981	107.2	88.2	195.4	894.0	1,089.4	17.9
1982	111.3	91.8	203.1	853.7	1,056.8	19.2
1983	113.7	92.7	206.5	857.9	1,064.3	19.4
1984	112.3	92.0	204.3	771.5	975.9	20.9
1985	105.7	82.2	187.9	704.9	892.8	21.0
1986	95.9	70.8	166.6	681.3	848.0	19.7
1987	87.7	66.0	153.7	757.7	911.4	16.9
1988	83.0	65.6	148.5	808.3	956.8	15.5
1989	80.5	65.5	146.0	830.0	976.0	15.0
1990	78.4	66.7	145.1	851.1	996.2	14.6

NA = not available.

Table 47--Land in farms and farm real estate value, December 31, 1945-90

Year	Land in farms 1/	Real estate value					Total 4/
		Land	Service structures	Total for farm use 2/	Operator dwellings	Other dwellings 3/	
	1,000 acres	Million dollars					
1945	1,142,000	43,458	8,087	51,545	8,981	NA	60,526
1946	1,145,000	49,395	9,147	58,542	10,158	NA	68,700
1947	1,148,000	52,532	9,922	62,454	11,018	NA	73,472
1948	1,152,000	54,211	10,338	64,549	11,483	NA	76,032
1949	1,155,000	52,928	10,493	63,421	11,654	NA	75,075
1950	1,202,019	63,154	12,229	75,383	13,566	NA	88,949
1951	1,203,500	70,463	13,372	83,835	14,852	NA	98,687
1952	1,204,930	71,606	13,463	85,069	14,940	NA	100,009
1953	1,205,740	71,187	13,122	84,309	14,562	NA	98,871
1954	1,206,355	74,547	13,268	87,815	14,725	NA	102,540
1955	1,201,900	79,398	13,638	93,036	15,135	NA	108,171
1956	1,197,070	86,042	14,255	100,297	15,819	NA	116,116
1957	1,191,340	91,786	14,657	106,443	16,265	NA	122,708
1958	1,184,944	99,436	15,212	114,648	16,881	NA	131,529
1959 5/	1,182,563	105,707	15,478	121,185	17,175	NA	138,360
1960	1,175,646	107,655	15,625	123,280	16,413	NA	139,693
1961	1,167,699	113,187	15,910	129,097	16,728	NA	145,825
1962	1,159,383	118,585	16,029	134,614	16,881	NA	151,495
1963	1,151,572	125,913	16,440	142,353	17,336	NA	159,690
1964	1,146,106	134,252	16,234	150,486	18,263	NA	168,749
1965	1,139,597	144,337	17,188	161,525	19,235	NA	180,759
1966	1,131,844	153,635	17,599	171,233	19,505	NA	190,738
1967	1,123,456	162,552	18,391	180,943	20,504	NA	201,447
1968	1,115,231	171,179	18,209	189,389	21,594	NA	210,983
1969	1,107,811	177,194	18,116	195,309	21,788	NA	217,097
1970	1,102,371	184,336	18,081	202,417	22,107	NA	224,525
1971	1,096,863	198,848	18,714	217,563	23,345	NA	240,908
1972	1,092,065	222,736	20,266	243,002	25,701	NA	268,703
1973	1,087,923	274,327	23,974	298,301	30,855	NA	329,156
1974	1,084,433	309,376	26,180	335,556	33,924	NA	369,480
1975	1,059,420	354,892	28,668	383,560	37,428	NA	420,987
1976	1,054,075	423,658	32,881	456,539	43,246	NA	499,785
1977	1,047,785	474,205	35,103	509,308	47,239	NA	556,547
1978	1,044,790	562,281	39,492	601,773	54,195	NA	655,968
1979	1,042,015	661,971	44,093	706,064	61,727	NA	767,792
1980	1,038,885	734,032	48,785	782,817	67,292	NA	850,109
1981 6/	1,034,190	737,112	48,444	785,557	66,097	NA	851,653
1982	1,027,795	703,879	46,137	750,017	62,193	6,841	819,051
1983	1,023,425	702,345	51,006	753,351	68,446	7,529	829,326
1984	1,017,803	612,782	48,940	661,721	66,019	7,262	735,002
1985	1,012,073	538,183	47,908	586,091	63,915	7,031	657,037
1986	1,005,333	493,552	48,634	542,186	63,796	7,018	613,000
1987	998,923	522,572	56,061	578,633	72,056	7,926	658,614
1988	994,543	536,625	62,797	599,422	78,871	8,676	686,968
1989	991,153	541,918	63,201	605,119	78,861	8,675	692,654
1990	987,420	550,316	64,043	614,359	79,478	8,743	702,579

NA = not available. 1/ Data on real estate values for 1940-49 are based on the census land in farms. Starting with 1950, land in farms is based on the National Agricultural Statistics Service's August Crop Production report. 2/ Value of real estate, excluding farm households, is the sum of land and service structure values. 3/ Hired labor dwellings are included as part of service structures. 4/ Total real estate value is the sum of land, service structure, and operator and other dwelling values. 5/ Starting with the December 31, 1959 figures, data for Alaska and Hawaii are included. 6/ Beginning in 1981, data for value per acre and real estate value are for April of the following year, and for February of the following year for 1985-88, and for January of the following year since 1989.

Table 48--Livestock and poultry on farms: Number, value per head, and total value, December 31, 1945-90

Year	Cattle and calves			Hogs and pigs			Sheep		
	Number	Value : per head	Total : value	Number	Value : per head	Total : value	Number	Value : per head	Total : value
	1,000 head	Dollars	Million dollars	1,000 head	Dollars	Million dollars	1,000 head	Dollars	Million dollars
1945	82,235	76.16	6,263	61,306	23.95	1,468	42,362	9.70	411
1946	80,554	97.55	7,858	56,810	36.01	2,046	37,498	12.61	473
1947	77,171	116.61	8,999	54,590	42.86	2,340	34,337	15.35	527
1948	76,830	135.13	10,382	56,257	38.29	2,154	30,943	17.19	532
1949	77,963	123.52	9,630	58,937	27.15	1,600	29,826	17.84	532
1950	82,083	160.50	13,174	62,269	33.29	2,073	30,633	26.38	808
1951	88,072	178.85	15,752	62,117	29.94	1,860	31,982	27.86	891
1952	94,241	127.81	12,045	51,755	26.08	1,350	31,900	15.86	506
1953	95,679	92.02	8,804	45,114	36.55	1,649	31,356	13.94	437
1954	96,592	88.18	8,517	50,474	30.55	1,542	31,582	14.91	471
1955	95,900	88.07	8,446	55,354	17.72	981	31,157	14.25	444
1956	92,860	91.63	8,509	51,897	24.66	1,280	30,654	14.97	459
1957	91,176	119.69	10,913	51,517	30.24	1,558	31,217	19.22	600
1958	93,322	153.23	14,300	58,045	32.03	1,859	32,606	20.09	655
1959	96,499	136.65	13,187	59,087	18.52	1,094	33,185	16.45	546
1960	97,700	134.33	13,124	55,560	27.25	1,514	32,725	14.56	477
1961	97,700	143.43	14,013	56,619	27.49	1,556	30,969	12.94	401
1962	104,488	141.84	14,821	57,933	27.55	1,596	29,176	14.57	425
1963	107,903	126.85	13,688	56,757	23.40	1,328	27,116	14.11	383
1964	109,000	113.39	12,360	50,792	24.49	1,244	25,127	15.96	401
1965	108,862	132.67	14,443	42,295	50.68	2,144	24,734	19.84	491
1966	108,783	148.75	16,182	48,263	36.66	1,769	23,954	19.76	473
1967	109,372	148.49	16,241	49,632	33.50	1,663	22,223	19.22	427
1968	110,015	158.07	17,390	51,358	36.16	1,857	21,352	22.05	471
1969 2/	110,589	179.32	19,831	56,537	27.94	1,580	20,875	23.39	488
1970 3/	114,578	184.27	21,113	57,640	27.48	1,584	19,732	23.59	465
1971	117,862	208.04	24,520	62,414	28.51	1,780	18,741	22.88	429
1972	121,539	248.44	30,195	59,018	41.97	2,477	17,643	26.69	471
1973	127,788	293.28	37,477	60,614	60.43	3,663	16,313	32.78	535
1974	132,028	159.06	21,000	54,694	44.80	2,450	14,516	29.98	435
1975	127,980	190.15	24,335	49,267	78.65	3,875	13,311	34.13	454
1976	122,810	205.60	25,249	54,935	47.01	2,583	12,723	42.46	540
1977	116,375	232.27	27,030	56,540	63.23	3,575	12,421	51.64	641
1978	110,864	402.85	44,661	67,319	56.79	3,823	12,366	72.05	891
1979	111,242	502.01	55,844	67,319	56.04	3,773	12,699	78.20	993
1980	114,351	473.31	54,124	64,465	74.70	4,815	12,948	69.84	904
1981	115,444	414.97	47,905	58,698	70.09	4,114	12,997	57.10	742
1982	115,001	406.16	46,708	54,533	89.92	4,903	12,140	51.78	629
1983	113,361	395.51	44,835	56,693	58.75	3,331	11,558	52.16	603
1984	109,582	401.58	44,006	54,073	75.03	4,057	10,715	61.04	654
1985	105,378	391.27	41,231	52,314	69.59	3,640	10,145	67.43	684
1986	102,118	407.05	41,567	51,001	91.90	4,687	10,572	75.60	799
1987	99,622	523.46	52,148	54,386	75.99	4,133	10,945	89.99	985
1988	98,065	580.31	56,908	55,469	66.30	3,678	10,858	82.84	899
1989	98,162	614.14	60,285	53,822	79.07	4,255	11,365	79.28	901
1990	99,436	632.58	62,902	54,561	85.36	4,657	11,114	65.55	729

See footnotes at end of table.

continued--



Table 48--Livestock and poultry on farms: Number, value per head, and total value, December 31, 1945-90--continued

Year	Chickens 1/			Turkeys			Horses and mules			Total value
	Number	Value	Total	Number	Value	Total	Number	Value	Total	
		per head	value		per head	value		per head	value	
	1,000 head	Dollars	Million dollars	1,000 head	Dollars	Million dollars	1,000 head	Dollars	Million dollars	Million dollars
1945	523,227	1.27	663	7,862	5.72	45	11,208	77.36	867	9,717
1946	467,217	1.44	673	5,879	6.46	38	10,129	81.75	828	11,916
1947	449,644	1.44	648	3,959	7.07	28	9,279	77.06	715	13,257
1948	430,876	1.66	716	4,622	8.87	41	8,498	70.60	600	14,425
1949	456,549	1.36	623	5,124	6.25	32	7,781	61.30	477	12,894
1950	430,988	1.45	627	5,037	6.55	33	7,036	54.58	384	17,099
1951	426,555	1.53	653	5,725	6.99	40	6,150	53.98	332	19,528
1952	398,158	1.41	562	5,086	6.10	31	5,403	52.93	286	14,780
1953	396,776	1.43	569	4,956	6.26	31	4,791	52.81	253	11,743
1954	390,708	1.05	411	4,917	5.29	26	4,309	56.16	242	11,209
1955	383,690	1.26	482	4,937	5.47	27	3,950	62.78	248	10,628
1956	391,363	1.17	459	5,828	4.98	29	3,632	71.86	261	10,997
1957	374,281	1.26	472	5,612	4.63	26	3,415	84.33	288	13,857
1958	387,002	1.26	487	6,105	4.59	28	3,189	102.23	326	17,655
1959	370,594	1.06	393	5,633	4.97	28	NA	NA	NA	15,248
1960	366,082	1.25	458	7,008	4.90	34	NA	NA	NA	15,608
1961	377,392	1.15	434	6,423	3.79	24	NA	NA	NA	16,428
1962	375,575	1.16	437	6,374	4.40	28	NA	NA	NA	17,307
1963	382,262	1.15	440	5,996	4.28	26	NA	NA	NA	15,865
1964	394,118	1.00	394	6,100	4.40	27	NA	NA	NA	14,425
1965	392,231	1.20	471	6,905	5.26	36	NA	NA	NA	17,585
1966	425,571	1.20	509	7,811	5.13	40	NA	NA	NA	18,974
1967	420,500	1.14	481	7,279	4.65	34	NA	NA	NA	18,846
1968	413,287	1.21	499	6,540	4.96	32	NA	NA	NA	20,249
1969 2/	431,262	1.25	541	6,726	5.78	39	NA	NA	NA	22,479
1970 3/	433,280	1.21	525	3,173	5.84	19	NA	NA	NA	23,706
1971	421,763	1.23	517	2,999	6.18	19	NA	NA	NA	27,264
1972	404,191	1.28	516	3,135	6.46	20	NA	NA	NA	33,679
1973	408,769	1.62	663	3,418	9.47	32	NA	NA	NA	42,370
1974	384,101	1.70	653	2,970	9.81	29	NA	NA	NA	24,567
1975	379,374	1.74	660	3,014	10.81	33	NA	NA	NA	29,357
1976	378,238	1.70	644	2,905	10.98	32	NA	NA	NA	29,048
1977	386,429	1.69	652	2,830	11.23	32	NA	NA	NA	31,931
1978	394,505	1.75	691	3,155	12.41	39	NA	NA	NA	50,106
1979	400,585	1.81	726	3,705	13.58	50	NA	NA	NA	61,387
1980	391,931	1.88	738	3,749	14.04	53	NA	NA	NA	60,633
1981	385,338	1.89	728	3,514	15.35	54	NA	NA	NA	53,544
1982	379,219	1.85	703	3,429	14.60	50	NA	NA	NA	52,993
1983	364,880	1.96	717	3,155	17.59	56	NA	NA	NA	49,541
1984	374,443	2.02	757	3,159	16.54	52	NA	NA	NA	49,526
1985	370,398	1.90	704	NA	NA	NA	NA	NA	NA	46,259
1986	372,833	1.87	698	NA	NA	NA	NA	NA	NA	47,751
1987	380,437	1.87	711	NA	NA	NA	NA	NA	NA	57,977
1988	356,105	2.04	726	NA	NA	NA	NA	NA	NA	62,211
1989	356,234	2.16	771	NA	NA	NA	NA	NA	NA	66,213
1990	351,775	2.29	806	NA	NA	NA	NA	NA	NA	69,093

NA = not available. Series on horses and mules discontinued in 1959. 1/ Excludes commercial broilers. 2/ Beginning in 1969, data for hogs and pigs are for December 1. 3/ Beginning in 1970, data on total turkeys were discontinued. Data from 1971 to 1984 are for turkey breeder hens. Series discontinued in 1985.

Table 49--Value of motor vehicles and other machines on farms, December 31, 1945-90

Year	Automobiles		Motortrucks		Tractors	Other farm machinery	Total	
	Excluding household assets	Including household assets	Excluding household assets	Including household assets			Excluding household assets	Including household assets
	:	:	:	:	:	:	:	:
Million dollars								
1945	471	941	476	476	1,355	2,616	4,918	5,388
1946	593	1,185	521	521	1,288	2,344	4,746	5,338
1947	662	1,656	867	867	1,651	3,192	6,372	7,366
1948	744	1,860	1,249	1,249	2,409	4,550	8,952	10,068
1949	925	2,313	1,446	1,446	2,905	5,502	10,778	12,166
1950	1,170	2,926	1,611	1,678	3,349	6,178	12,308	14,131
1951	1,466	3,665	1,747	1,879	3,874	7,256	14,343	16,674
1952	1,461	3,652	1,640	1,843	4,091	7,809	15,001	17,395
1953	1,730	4,325	1,584	1,863	4,199	8,050	15,563	18,437
1954	1,724	4,310	1,556	1,898	4,270	8,197	15,747	18,675
1955	1,770	4,425	1,499	1,922	4,600	8,392	16,261	19,339
1956	1,905	4,762	1,626	2,084	4,759	8,635	16,924	20,240
1957	1,776	4,439	1,626	2,085	4,931	8,690	17,023	20,145
1958	2,168	5,421	1,559	1,999	5,168	9,247	18,143	21,835
1959	1,906	4,766	1,931	2,476	5,423	10,080	19,341	22,745
1960	1,637	4,198	1,983	2,559	5,237	10,211	19,068	22,205
1961	1,642	4,283	2,062	2,667	5,213	10,353	19,270	22,516
1962	1,761	4,664	2,202	2,850	5,414	10,526	19,902	23,454
1963	1,727	4,642	2,167	2,814	5,617	10,862	20,373	23,935
1964	1,672	4,560	2,291	2,982	5,861	11,423	21,247	24,826
1965	1,625	4,515	2,262	2,948	6,310	12,232	22,429	26,005
1966	1,473	4,163	2,231	2,916	7,017	13,347	24,067	27,443
1967	1,473	4,236	2,371	3,106	7,527	14,939	26,310	29,808
1968	1,431	4,184	2,477	3,250	7,939	15,898	27,744	31,271
1969	1,420	4,303	2,461	3,243	7,997	16,756	28,634	32,299
1970	1,455	4,575	2,751	3,639	8,080	18,078	30,364	34,372
1971	1,448	4,732	2,998	3,982	8,635	19,353	32,434	36,702
1972	1,504	5,097	3,133	4,177	9,042	20,966	34,644	39,282
1973	1,358	4,764	3,401	4,547	10,881	24,031	39,671	44,223
1974	1,475	5,344	3,899	5,220	14,156	28,924	48,454	53,644
1975	1,530	5,752	4,200	5,630	16,840	34,847	57,417	63,069
1976	1,761	6,824	5,279	7,076	17,811	38,425	63,275	70,136
1977	1,783	7,020	5,539	7,395	20,127	41,871	69,320	76,413
1978	2,004	7,889	6,212	8,227	20,195	40,063	68,474	76,375
1979	1,874	7,263	6,792	8,925	23,373	43,345	75,384	82,906
1980	1,703	6,380	6,403	8,305	25,816	46,424	80,347	86,925
1981	1,993	7,118	6,795	8,667	28,424	48,307	85,519	92,516
1982	2,016	6,809	7,105	8,906	27,469	49,398	85,987	92,581
1983	2,059	6,537	7,685	9,452	26,375	49,731	85,850	92,095
1984	2,154	6,400	8,472	10,317	24,568	49,846	85,040	91,131
1985	2,041	5,691	8,713	10,454	21,817	50,333	82,903	88,295
1986	1,843	4,846	8,339	9,889	21,941	49,406	81,530	86,082
1987	1,806	4,718	8,804	10,409	20,301	49,049	79,960	84,478
1988	1,816	4,692	9,467	11,228	22,469	48,296	82,048	86,685
1989	1,644	4,236	9,713	11,509	26,078	48,390	85,826	90,213
1990	1,506	3,930	9,713	11,562	27,731	48,479	87,428	91,701

Table 50--Value of crop inventories, December 31, 1960-90

Year	Food grains	Feed grains	Hay and forage	Oilseeds	Cotton	Tobacco	Other 1/	Total
Million dollars								
1960	404	3,177	1,729	378	304	NA	195	6,187
1961	462	3,181	1,691	547	284	NA	137	6,302
1962	462	3,202	1,804	511	238	NA	176	6,392
1963	474	3,639	1,992	660	305	NA	160	7,230
1964	422	3,267	1,932	543	265	NA	354	6,783
1965	449	3,672	2,114	788	414	NA	244	7,681
1966	591	3,847	2,102	876	132	NA	272	7,820
1967	562	3,877	2,052	655	292	NA	254	7,691
1968	438	3,614	2,081	511	237	NA	284	7,165
1969	405	3,828	2,837	489	208	NA	301	8,068
1970	513	3,711	2,812	930	223	NA	328	8,518
1971	645	4,090	3,077	1,216	387	NA	316	9,731
1972	1,100	5,623	3,582	1,747	270	NA	413	12,735
1973	1,924	9,666	4,898	3,675	287	NA	645	21,094
1974	2,279	9,726	5,493	3,654	301	320	652	22,424
1975	2,158	8,826	5,694	2,585	150	330	714	20,456
1976	1,473	8,548	6,127	3,195	317	382	593	20,636
1977	1,218	8,405	5,905	3,886	218	343	618	20,593
1978	2,004	9,976	5,970	4,585	254	433	682	23,905
1979	2,914	12,369	7,348	5,689	598	347	699	29,964
1980	4,058	12,992	8,132	5,641	558	397	1,060	32,838
1981	3,818	11,170	8,188	4,825	480	643	861	29,985
1982	2,809	8,973	8,440	4,510	336	702	635	26,406
1983	1,916	8,289	7,851	4,704	289	418	885	24,352
1984	1,759	10,023	8,623	3,952	300	726	870	26,253
1985	1,057	9,300	7,699	3,390	370	406	661	22,883
1986	408	5,051	6,784	2,871	334	267	844	16,560
1987	553	5,045	7,284	3,396	374	288	875	17,815
1988	1,029	7,774	8,330	3,780	232	426	1,086	22,656
1989	1,124	8,499	8,386	3,311	222	406	1,350	23,298
1990	885	8,244	8,186	3,219	243	485	1,161	22,424

NA = not available. 1/ Crops vary over time due to availability of inventory data; currently represents potatoes, dry edible beans, and cabbage.

Table 51--Purchased inputs, household equipment and furnishings, and financial assets,  
December 31, 1945-90

Year	Purchased inputs	Household equipment & furnishings	Total financial assets Excluding household assets	Total financial assets Including household assets	Net worth of selected farmers' cooperatives	Other financial assets 1/	Other financial assets 2/
Million dollars							
1945	NA	5,553	9,101	15,228	1,686	7,415	13,542
1946	NA	7,162	9,877	16,268	1,857	8,020	14,411
1947	NA	8,061	9,877	16,354	2,048	7,829	14,306
1948	NA	8,908	9,707	16,406	2,227	7,480	14,179
1949	NA	8,441	9,402	16,224	2,427	6,975	13,797
1950	NA	9,598	9,649	16,437	2,668	6,981	13,769
1951	NA	9,970	10,140	17,016	2,887	7,253	14,129
1952	NA	9,554	10,287	17,220	3,152	7,135	14,068
1953	NA	9,542	10,290	17,454	3,296	6,994	14,158
1954	NA	9,701	10,393	17,892	3,497	6,896	14,395
1955	NA	9,970	10,591	18,341	3,696	6,895	14,645
1956	NA	9,642	10,675	18,372	3,951	6,724	14,421
1957	NA	9,607	10,778	18,791	4,188	6,590	14,603
1958	NA	9,422	11,390	19,640	4,492	6,898	15,148
1959	NA	9,217	11,041	18,644	4,813	6,228	13,831
1960	NA	8,711	10,034	17,553	4,206	5,828	13,347
1961	NA	8,944	10,364	17,783	4,506	5,858	13,277
1962	NA	8,781	10,519	18,239	4,649	5,870	13,590
1963	NA	8,767	10,696	18,420	4,966	5,730	13,454
1964	NA	8,399	11,023	18,962	5,177	5,846	13,785
1965	NA	8,369	11,386	19,472	5,422	5,964	14,050
1966	NA	8,316	11,642	19,919	5,678	5,964	14,241
1967	NA	8,822	11,958	20,535	5,848	6,110	14,687
1968	NA	9,393	12,385	21,337	6,101	6,284	15,236
1969	NA	9,581	12,762	22,016	6,385	6,377	15,631
1970	NA	9,971	13,677	23,193	7,176	6,501	16,017
1971	NA	10,799	14,536	24,712	7,885	6,651	16,827
1972	NA	11,883	15,656	26,729	8,714	6,942	18,015
1973	NA	12,268	16,773	28,693	9,650	7,123	19,043
1974	NA	14,012	18,089	29,046	11,218	6,871	17,828
1975	NA	14,190	19,918	31,378	12,974	6,944	18,404
1976	NA	15,182	21,270	32,991	14,322	6,947	18,669
1977	NA	17,192	20,505	32,508	13,470	7,035	19,038
1978	NA	19,975	23,227	35,789	16,090	7,137	19,699
1979	NA	21,549	25,431	38,046	18,147	7,284	19,899
1980	NA	19,359	26,674	39,308	19,317	7,357	19,992
1981	NA	20,779	28,158	40,945	20,598	7,560	20,347
1982	NA	22,975	29,733	42,814	21,947	7,786	20,867
1983	NA	24,439	30,884	44,594	22,809	8,075	21,785
1984	1,971	24,270	32,581	47,701	24,257	8,324	23,444
1985	1,207	27,826	33,274	49,269	24,291	8,982	24,978
1986	2,063	28,703	34,480	53,805	24,431	10,050	29,375
1987	2,969	32,894	35,141	56,687	25,281	9,861	31,407
1988	3,323	36,982	35,445	58,015	25,085	10,361	32,930
1989	2,722	42,221	36,566	58,664	26,138	10,428	32,525
1990	2,842	46,323	38,498	61,196	27,650	10,848	33,546

NA = not available. 1/ Sum of currency and demand deposits. 2/ Sum of currency, demand deposits, time deposits, and U.S. savings bonds.



Table 52--Total farm debt, December 31, 1945-90

Year	Real estate		Nonreal estate debt		Total debt	
	Excluding	Including	Excluding	Including	Excluding	Including
	operator	operator	operator	operator	operator	operator
	households	households	households	households	households	households
Million dollars						
1945	4,065	4,760	2,646	2,868	6,711	7,628
1946	4,172	4,897	3,188	3,451	7,360	8,348
1947	4,305	5,065	3,785	4,091	8,090	9,156
1948	4,490	5,289	4,568	4,931	9,058	10,220
1949	4,721	5,586	4,775	5,154	9,497	10,740
1950	5,202	6,131	5,681	6,126	10,883	12,257
1951	5,683	6,689	6,863	7,393	12,546	14,082
1952	6,189	7,268	7,123	7,674	13,311	14,942
1953	6,631	7,769	6,309	6,804	12,941	14,573
1954	7,099	8,286	6,673	7,196	13,772	15,482
1955	7,787	9,049	7,340	7,910	15,127	16,959
1956	8,515	9,851	7,386	7,960	15,901	17,811
1957	9,037	10,408	8,184	8,814	17,221	19,222
1958	9,702	11,122	9,374	10,085	19,076	21,206
1959	10,628	12,126	10,723	11,528	21,351	23,653
1960	11,310	12,868	11,136	11,969	22,446	24,837
1961	12,318	13,966	11,820	12,701	24,138	26,667
1962	13,488	15,242	13,177	14,157	26,665	29,399
1963	14,981	16,863	14,580	15,657	29,561	32,521
1964	16,850	18,938	15,307	16,366	32,157	35,304
1965	18,916	21,221	16,895	18,062	35,811	39,283
1966	20,696	23,110	18,527	19,794	39,223	42,903
1967	22,614	25,207	19,593	20,834	42,206	46,040
1968	24,729	27,548	19,192	20,387	43,922	47,936
1969	26,416	29,353	20,005	21,168	46,421	50,520
1970	27,506	30,492	21,247	22,262	48,753	52,754
1971	29,255	32,381	23,980	25,114	53,235	57,496
1972	32,005	35,361	26,699	27,965	58,704	63,326
1973	36,077	39,806	31,555	33,054	67,632	72,860
1974	40,777	44,922	35,075	36,736	75,853	81,658
1975	45,331	49,853	39,682	41,605	85,013	91,458
1976	50,496	55,412	45,570	47,765	96,065	103,177
1977	58,445	63,949	52,410	54,987	110,855	118,936
1978	66,707	72,756	60,693	63,826	127,400	136,583
1979	79,704	86,755	71,847	75,727	151,551	162,481
1980	89,692	97,495	77,131	81,221	166,823	178,715
1981	98,788	107,237	83,593	88,192	182,380	195,429
1982	101,809	111,312	86,996	91,783	188,805	203,095
1983	103,176	113,722	87,888	92,744	191,064	206,466
1984	106,691	112,303	87,090	92,021	193,781	204,324
1985	100,068	105,739	77,523	82,173	177,590	187,912
1986	90,397	95,880	66,563	70,758	156,960	166,638
1987	82,387	87,718	62,013	65,997	144,399	153,715
1988	77,622	82,953	61,734	65,588	139,356	148,541
1989	75,307	80,476	61,826	65,489	137,133	145,966
1990	73,377	78,398	63,081	66,669	136,458	145,067

Table 53--Total farm debt by lender (excluding operator households), December 31, 1945-90

Year	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying facilities loans	Total
Million dollars							
1945	1,342	520	761	1,410	2,677	np	6,711
1946	1,211	516	757	1,800	3,076	np	7,360
1947	1,162	494	816	2,220	3,397	np	8,090
1948	1,212	468	880	2,601	3,897	np	9,058
1949	1,238	476	990	2,724	4,061	7	9,497
1950	1,336	508	1,147	3,221	4,654	18	10,883
1951	1,489	515	1,309	3,813	5,395	26	12,546
1952	1,590	578	1,460	3,929	5,727	28	13,311
1953	1,597	631	1,615	3,542	5,528	29	12,941
1954	1,708	690	1,757	3,766	5,809	41	13,772
1955	1,954	712	1,954	4,222	6,248	37	15,127
1956	2,219	779	2,140	4,221	6,513	29	15,901
1957	2,564	853	2,239	4,549	6,991	25	17,221
1958	2,955	887	2,320	5,160	7,723	31	19,076
1959	3,442	942	2,470	5,888	8,565	44	21,351
1960	3,731	993	2,652	6,073	8,949	48	22,446
1961	4,136	1,259	2,828	6,425	9,421	69	24,138
1962	4,535	1,411	3,043	7,258	10,345	74	26,665
1963	5,052	1,547	3,405	8,130	11,366	60	29,561
1964	5,578	1,692	3,866	8,696	12,282	44	32,157
1965	6,382	1,946	4,339	9,515	13,596	34	35,811
1966	7,441	2,117	4,728	10,482	14,423	32	39,223
1967	8,525	2,338	5,034	11,438	14,810	61	42,206
1968	9,287	2,548	5,236	12,104	14,600	147	43,922
1969	10,510	2,720	5,222	12,878	14,922	170	46,421
1970	11,723	2,879	5,122	13,820	15,061	146	48,753
1971	13,166	3,022	5,090	15,542	16,225	190	53,235
1972	14,759	3,234	5,174	17,773	17,498	266	58,704
1973	17,682	3,484	5,480	21,067	19,642	278	67,632
1974	21,710	3,819	5,799	22,547	21,761	217	75,853
1975	25,223	4,604	6,198	24,672	24,146	170	85,013
1976	29,007	4,963	6,828	28,077	27,047	144	96,065
1977	32,992	6,378	8,150	31,289	31,555	492	110,855
1978	37,564	8,833	9,698	34,435	35,723	1,148	127,400
1979	45,376	14,442	11,278	37,125	41,938	1,391	151,551
1980	52,974	17,464	11,998	37,751	45,180	1,456	166,823
1981	61,565	20,802	12,150	38,798	47,723	1,342	182,380
1982	64,219	21,274	11,829	41,890	48,465	1,127	188,805
1983	63,708	21,428	11,666	45,422	47,952	888	191,064
1984	64,686	23,262	11,889	47,245	46,076	623	193,781
1985	56,167	24,534	11,270	44,469	40,843	307	177,590
1986	45,905	24,137	10,374	41,620	34,800	123	156,960
1987	40,026	23,552	9,352	41,130	30,293	46	144,399
1988	37,134	21,851	9,016	42,705	28,630	21	139,356
1989	36,147	18,969	9,038	44,788	28,179	12	137,133
1990	34,843	16,918	9,599	47,359	27,732	7	136,458

np = no program.

Table 54--Real estate farm debt (excluding operator households), December 31, 1945-90

Year	Farm Credit System 1/	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying facilities loans	Total
Million dollars							
1945	1,129	157	761	433	1,585	np	4,065
1946	958	164	757	582	1,711	np	4,172
1947	847	168	816	715	1,759	np	4,305
1948	804	167	880	762	1,877	np	4,490
1949	815	171	990	788	1,950	7	4,721
1950	841	218	1,147	836	2,142	18	5,202
1951	872	247	1,309	864	2,365	26	5,683
1952	932	281	1,460	910	2,578	28	6,189
1953	1,013	300	1,615	931	2,743	29	6,631
1954	1,096	323	1,757	994	2,888	41	7,099
1955	1,273	355	1,954	1,096	3,072	37	7,787
1956	1,488	400	2,140	1,121	3,337	29	8,515
1957	1,646	470	2,239	1,142	3,515	25	9,037
1958	1,801	530	2,320	1,228	3,792	31	9,702
1959	2,046	592	2,470	1,334	4,142	44	10,628
1960	2,222	624	2,652	1,356	4,409	48	11,310
1961	2,463	822	2,828	1,402	4,735	69	12,318
1962	2,667	921	3,043	1,607	5,176	74	13,488
1963	2,905	1,024	3,405	1,844	5,742	60	14,981
1964	3,267	1,125	3,866	2,090	6,459	44	16,850
1965	3,766	1,315	4,339	2,260	7,202	34	18,916
1966	4,389	1,468	4,728	2,418	7,661	32	20,696
1967	4,971	1,636	5,034	2,677	8,235	61	22,614
1968	5,434	1,825	5,236	2,919	9,169	147	24,729
1969	5,977	2,029	5,222	3,116	9,902	170	26,416
1970	6,420	2,180	5,122	3,329	10,308	146	27,506
1971	7,094	2,343	5,090	3,731	10,806	190	29,255
1972	8,165	2,547	5,174	4,246	11,607	266	32,005
1973	9,849	2,712	5,480	4,844	12,914	278	36,077
1974	12,187	2,899	5,799	5,312	14,363	217	40,777
1975	14,533	3,044	6,198	5,621	15,764	170	45,331
1976	16,881	3,311	6,828	6,075	17,258	144	50,496
1977	19,640	3,613	8,150	6,994	19,556	492	58,445
1978	22,686	3,746	9,698	7,717	21,712	1,148	66,707
1979	27,322	6,254	11,278	7,798	25,660	1,391	79,704
1980	33,225	7,435	11,998	7,765	27,813	1,456	89,692
1981	40,298	8,096	12,150	7,584	29,318	1,342	98,788
1982	43,661	8,298	11,829	7,568	29,326	1,127	101,809
1983	44,316	8,572	11,666	8,347	29,386	888	103,176
1984	46,594	9,522	11,889	9,626	28,436	623	106,691
1985	42,166	9,820	11,270	10,732	25,773	307	100,068
1986	35,589	9,712	10,374	11,942	22,657	123	90,397
1987	30,642	9,429	9,352	13,541	19,377	46	82,387
1988	28,368	8,951	9,016	14,397	16,870	21	77,622
1989	26,657	8,126	9,038	15,544	15,929	12	75,307
1990	25,144	7,544	9,599	16,092	14,992	7	73,377

np = no program. 1/ Federal land banks debt prior to 1988.

Table 55--Nonreal estate farm debt (excluding operator households), December 31, 1945-90

Year	All operating banks	Farm Credit System 1/	Farmers Home Ad- ministration	Debts owed to individ- uals and others	Total	CCC crop loans
Million dollars						
1945	977	213	363	1,092	2,646	277
1946	1,218	253	352	1,365	3,188	65
1947	1,505	315	326	1,638	3,785	84
1948	1,839	408	301	2,020	4,568	1,152
1949	1,936	423	305	2,111	4,775	1,714
1950	2,385	495	290	2,512	5,681	794
1951	2,949	617	268	3,030	6,863	562
1952	3,019	658	297	3,149	7,123	1,156
1953	2,611	584	331	2,785	6,309	2,362
1954	2,772	612	367	2,921	6,673	2,178
1955	3,126	681	357	3,176	7,340	1,833
1956	3,100	731	379	3,176	7,386	1,534
1957	3,407	918	383	3,476	8,184	1,190
1958	3,932	1,154	357	3,931	9,374	2,442
1959	4,554	1,396	350	4,423	10,723	1,121
1960	4,717	1,509	369	4,541	11,136	1,342
1961	5,023	1,673	437	4,686	11,820	1,797
1962	5,651	1,868	489	5,169	13,177	1,981
1963	6,286	2,147	523	5,624	14,580	1,866
1964	6,606	2,311	567	5,824	15,307	1,499
1965	7,255	2,615	631	6,394	16,895	1,374
1966	8,064	3,052	649	6,762	18,527	1,125
1967	8,762	3,554	702	6,575	19,593	1,359
1968	9,185	3,853	723	5,431	19,192	2,524
1969	9,762	4,533	691	5,020	20,005	2,506
1970	10,491	5,303	699	4,753	21,247	1,730
1971	11,811	6,072	678	5,419	23,980	2,072
1972	13,527	6,594	687	5,891	26,699	1,527
1973	16,223	7,833	772	6,728	31,555	687
1974	17,235	9,523	919	7,398	35,075	304
1975	19,051	10,689	1,560	8,382	39,682	232
1976	22,002	12,127	1,652	9,789	45,570	936
1977	24,295	13,352	2,764	11,999	52,410	4,146
1978	26,718	14,878	5,086	14,011	60,693	4,646
1979	29,327	18,054	8,188	16,278	71,847	3,714
1980	29,986	19,750	10,029	17,367	77,131	3,836
1981	31,215	21,268	12,706	18,404	83,593	6,888
1982	34,322	20,558	12,977	19,139	86,996	15,204
1983	37,075	19,392	12,855	18,566	87,888	10,576
1984	37,619	18,092	13,740	17,640	87,090	8,428
1985	33,738	14,001	14,714	15,070	77,523	17,598
1986	29,678	10,317	14,425	12,143	66,563	19,190
1987	27,589	9,384	14,123	10,916	62,013	15,120
1988	28,309	8,766	12,899	11,760	61,734	8,902
1989	29,243	9,490	10,843	12,250	61,826	5,225
1990	31,267	9,699	9,374	12,740	63,081	4,377

1/ Prior to 1988, Farm Credit System loans were reported separately for production credit association and Federal intermediate credit bank loans through other financial institutions. For historical data series, see Economic Indicators of the Farm Sector: National Financial Summary, 1988, ECIFS 8-1, U.S. Dept. Agr., Econ. Res. Serv., Sept. 1989.



Table 56--Total farm debt by lender (including operator households), December 31, 1945-90

Year	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying facilities loans	Total
Million dollars							
1945	1,543	597	891	1,541	3,056	np	7,628
1946	1,387	592	889	1,972	3,508	np	8,348
1947	1,324	569	960	2,434	3,869	np	9,156
1948	1,370	539	1,036	2,844	4,431	np	10,220
1949	1,403	549	1,172	2,981	4,628	7	10,740
1950	1,504	586	1,353	3,510	5,286	18	12,257
1951	1,666	595	1,542	4,137	6,116	26	14,082
1952	1,777	668	1,716	4,264	6,490	28	14,942
1953	1,792	728	1,893	3,855	6,276	29	14,573
1954	1,915	795	2,052	4,095	6,584	41	15,482
1955	2,186	819	2,272	4,583	7,062	37	16,959
1956	2,481	894	2,477	4,578	7,352	29	17,811
1957	2,850	977	2,579	4,921	7,870	25	19,222
1958	3,263	1,014	2,661	5,569	8,669	31	21,206
1959	3,786	1,074	2,820	6,342	9,588	44	23,653
1960	4,107	1,142	2,975	6,583	9,982	48	24,837
1961	4,542	1,444	3,162	6,955	10,495	69	26,667
1962	4,966	1,614	3,391	7,850	11,504	74	29,399
1963	5,513	1,765	3,781	8,789	12,613	60	32,521
1964	6,089	1,929	4,288	9,407	13,548	44	35,304
1965	6,959	2,214	4,802	10,284	14,990	34	39,283
1966	8,087	2,401	5,214	11,303	15,866	32	42,903
1967	9,258	2,645	5,540	12,332	16,205	61	46,040
1968	10,087	2,880	5,764	13,053	16,005	147	47,936
1969	11,384	3,065	5,734	13,875	16,293	170	50,520
1970	12,660	3,235	5,610	14,874	16,228	146	52,754
1971	14,195	3,389	5,564	16,717	17,441	190	57,496
1972	15,909	3,616	5,643	19,107	18,785	266	63,326
1973	19,046	3,891	5,965	22,625	21,055	278	72,860
1974	23,375	4,259	6,297	24,204	23,306	217	81,658
1975	27,150	5,141	6,726	26,456	25,815	170	91,458
1976	31,182	5,535	7,400	30,064	28,853	144	103,177
1977	35,434	7,123	8,819	33,489	33,579	492	118,936
1978	40,293	9,900	10,478	36,829	37,935	1,148	136,583
1979	48,598	16,180	12,165	39,658	44,490	1,391	162,481
1980	56,735	19,560	12,928	40,135	47,901	1,456	178,715
1981	65,941	23,315	13,074	41,207	50,550	1,342	195,429
1982	69,200	23,916	12,802	44,520	51,530	1,127	203,095
1983	69,094	24,158	12,718	48,344	51,265	888	206,466
1984	67,887	25,686	12,443	49,785	47,900	623	204,324
1985	59,146	27,147	11,836	46,898	42,578	307	187,912
1986	48,493	26,740	10,940	43,951	36,391	123	166,638
1987	42,406	26,133	9,896	43,496	31,739	46	153,715
1988	39,458	24,265	9,582	45,215	30,000	21	148,541
1989	38,386	21,042	9,598	47,429	29,500	12	145,966
1990	36,988	18,745	10,186	50,140	29,000	7	145,067

np = no program.

Table 57--Real estate farm debt (including operator households), December 31, 1945-90

Year	Farm Credit System 1/	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying facilities loans	Total
Million dollars							
1945	1,322	184	891	507	1,856	np	4,760
1946	1,125	192	889	683	2,008	np	4,897
1947	997	198	960	841	2,069	np	5,065
1948	947	197	1,036	898	2,211	np	5,289
1949	965	202	1,172	932	2,308	7	5,586
1950	991	257	1,353	986	2,526	18	6,131
1951	1,027	291	1,542	1,017	2,786	26	6,689
1952	1,095	330	1,716	1,069	3,030	28	7,268
1953	1,187	352	1,893	1,092	3,216	29	7,769
1954	1,280	378	2,052	1,161	3,374	41	8,286
1955	1,480	413	2,272	1,275	3,572	37	9,049
1956	1,722	463	2,477	1,298	3,862	29	9,851
1957	1,897	541	2,579	1,316	4,050	25	10,408
1958	2,065	608	2,661	1,408	4,349	31	11,122
1959	2,335	676	2,820	1,523	4,728	44	12,126
1960	2,539	723	2,975	1,592	4,992	48	12,868
1961	2,803	948	3,162	1,639	5,345	69	13,966
1962	3,024	1,058	3,391	1,870	5,824	74	15,242
1963	3,282	1,171	3,781	2,137	6,433	60	16,863
1964	3,687	1,285	4,288	2,417	7,218	44	18,938
1965	4,240	1,497	4,802	2,607	8,040	34	21,221
1966	4,915	1,663	5,214	2,770	8,516	32	23,110
1967	5,563	1,847	5,540	3,061	9,135	61	25,207
1968	6,081	2,058	5,764	3,333	10,165	147	27,548
1969	6,671	2,280	5,734	3,545	10,953	170	29,353
1970	7,145	2,440	5,610	3,772	11,378	146	30,492
1971	7,880	2,618	5,564	4,218	11,911	190	32,381
1972	9,050	2,835	5,643	4,792	12,774	266	35,361
1973	10,901	3,013	5,965	5,458	14,190	278	39,806
1974	13,470	3,215	6,297	5,966	15,757	217	44,922
1975	16,029	3,369	6,726	6,296	17,262	170	49,853
1976	18,565	3,657	7,400	6,781	18,864	144	55,412
1977	21,541	3,982	8,819	7,780	21,335	492	63,949
1978	24,816	4,120	10,478	8,557	23,638	1,148	72,756
1979	29,820	6,875	12,165	8,623	27,880	1,391	86,755
1980	36,196	8,163	12,928	8,571	30,180	1,456	97,495
1981	43,825	8,877	13,074	8,349	31,770	1,342	107,237
1982	47,822	9,170	12,802	8,392	32,000	1,127	111,312
1983	48,929	9,550	12,718	9,317	32,320	888	113,722
1984	49,078	10,073	12,443	10,186	29,900	623	112,303
1985	44,584	10,427	11,836	11,385	27,200	307	105,739
1986	37,758	10,349	10,940	12,711	24,000	123	95,880
1987	32,638	10,083	9,896	14,455	20,600	46	87,718
1988	30,327	9,607	9,582	15,417	18,000	21	82,953
1989	28,501	8,720	9,598	16,646	17,000	12	80,476
1990	26,885	8,093	10,186	17,227	16,000	7	78,398

np = no program. 1/ Federal land banks debt prior to 1988.

Table 58--Nonreal estate farm debt (including operator households), December 31, 1945-90

Year	All operating banks	Farm Credit System 1/	Farmers Home Ad- ministration	Debts owed to individ- uals and others	Total	CCC crop loans
Million dollars						
1945	1,034	221	413	1,200	2,868	277
1946	1,289	262	400	1,500	3,451	65
1947	1,593	327	371	1,800	4,091	84
1948	1,946	423	342	2,220	4,931	1,152
1949	2,049	438	347	2,320	5,154	1,714
1950	2,524	513	329	2,760	6,126	794
1951	3,120	639	304	3,330	7,393	562
1952	3,195	682	338	3,460	7,674	1,156
1953	2,763	605	376	3,060	6,804	2,362
1954	2,934	635	417	3,210	7,196	2,178
1955	3,308	706	406	3,490	7,910	1,833
1956	3,280	759	431	3,490	7,960	1,534
1957	3,605	953	436	3,820	8,814	1,190
1958	4,161	1,198	406	4,320	10,085	2,442
1959	4,819	1,451	398	4,860	11,528	1,121
1960	4,991	1,568	420	4,990	11,969	1,342
1961	5,316	1,739	496	5,150	12,701	1,797
1962	5,979	1,942	556	5,680	14,157	1,981
1963	6,652	2,231	594	6,180	15,657	1,866
1964	6,990	2,402	644	6,330	16,366	1,499
1965	7,677	2,718	717	6,950	18,062	1,374
1966	8,533	3,173	737	7,350	19,794	1,125
1967	9,272	3,694	798	7,070	20,834	1,359
1968	9,720	4,006	822	5,840	20,387	2,524
1969	10,330	4,713	785	5,340	21,168	2,506
1970	11,102	5,515	795	4,850	22,262	1,730
1971	12,498	6,315	771	5,530	25,114	2,072
1972	14,315	6,859	780	6,011	27,965	1,527
1973	17,167	8,145	877	6,865	33,054	687
1974	18,238	9,905	1,044	7,549	36,736	304
1975	20,160	11,120	1,772	8,553	41,605	232
1976	23,283	12,617	1,877	9,989	47,765	936
1977	25,709	13,893	3,141	12,244	54,987	4,146
1978	28,273	15,477	5,780	14,297	63,826	4,646
1979	31,034	18,778	9,305	16,610	75,727	3,714
1980	31,564	20,539	11,397	17,721	81,221	3,836
1981	32,858	22,116	14,438	18,780	88,192	6,888
1982	36,128	21,379	14,746	19,530	91,783	15,204
1983	39,026	20,164	14,608	18,945	92,744	10,576
1984	39,599	18,809	15,613	18,000	92,021	8,428
1985	35,513	14,562	16,720	15,378	82,173	17,598
1986	31,240	10,735	16,392	12,391	70,758	19,190
1987	29,041	9,768	16,049	11,139	65,997	15,120
1988	29,799	9,131	14,659	12,000	65,588	8,902
1989	30,782	9,885	12,322	12,500	65,489	5,225
1990	32,913	10,103	10,652	13,000	66,669	4,377

1/ Prior to 1988, Farm Credit System loans were reported separately for Production credit association and Federal intermediate credit bank loans through other financial institutions. For historical data series, see Economic Indicators of the Farm Sector: National Financial Summary, 1988, ECIFS 8-1, U.S. Dept. Agr., Econ. Res. Serv., Sept. 1989.

Table 59--Nominal capital gains on farm assets (excluding operator households), 1970-90 1/

Year	Real estate	Machinery and motor vehicles	Livestock and poultry	Crops	Purchased inputs	Total
Million dollars						
1970	8,296	1,142	481	795	NA	10,713
1971	16,374	2,835	2,802	-509	NA	21,503
1972	26,631	2,046	5,684	2,536	NA	36,896
1973	56,582	3,040	6,776	6,230	NA	72,629
1974	38,582	6,465	-17,666	4,077	NA	31,457
1975	56,579	10,865	5,637	-4156	NA	68,926
1976	75,466	7,306	428	897	NA	84,097
1977	55,778	6,292	4,001	-2,356	NA	63,715
1978	94,010	5,379	18,572	932	NA	118,892
1979	105,322	7,914	10,738	2,585	NA	126,559
1980	78,623	7,304	-2,053	6,679	NA	90,552
1981	5,980	10,669	-7,067	-5,337	NA	4,244
1982	-31,051	5,991	48	-1,152	NA	-26,164
1983	7,494	4,609	-2,874	3,725	NA	12,953
1984	-86,933	3,089	1,589	-2,614	NA	-84,867
1985	-71,397	-2,103	-1,367	-1,755	-3	-76,624
1986	-39,160	-2,818	2,885	-902	-4	-40,000
1987	41,306	1,483	10,868	894	5	54,556
1988	23,911	5,703	5,034	4,808	11	39,467
1989	8,757	6,390	3,983	-2,197	0	16,934
1990	13,265	3,714	2,014	-1,218	-1	17,774

NA = not available. 1/ There are no nominal capital gains on financial assets.



Table 60--Real capital gains on farm assets (excluding operator households), 1970-90

Year	:	:	:	:	:	:	:
	:	Machinery	Livestock	:	Purchased	Financial	:
	Real estate	and	and	Crops	inputs	assets	Total
	:	motor vehicles	poultry	:	:	:	:
	:	:	:	:	:	:	:
Million dollars							
1970	-694	-344	-533	472	NA	-607	-1,706
1971	6,894	1,241	1,649	-819	NA	-633	8,331
1972	17,462	588	4,447	2,117	NA	-591	24,023
1973	32,187	-370	3,478	4,792	NA	-1,372	38,715
1974	8,057	1,853	-19,813	2,239	NA	-1,646	-9,310
1975	31,793	6,788	3,753	-5,245	NA	-1,288	35,802
1976	51,736	3,716	-1,061	-82	NA	-1,106	53,203
1977	23,578	1,582	2,008	-3,398	NA	-1,296	22,474
1978	48,370	-315	14,842	-595	NA	-1,763	60,540
1979	38,034	20	5,005	226	NA	-2,426	40,859
1980	2,977	-1,098	-7,727	3,874	NA	-2,578	-4,552
1981	-60,135	2,874	-11,462	-7,337	NA	-2,372	-78,432
1982	-71,489	998	-2,756	-2,229	NA	-1,603	-77,079
1983	-22,176	982	-4,795	2,897	NA	-1,216	-24,309
1984	-111,156	-247	-217	-3,297	NA	-1,193	-116,110
1985	-89,570	-4,822	-2,798	-2,189	-5	-1,032	-100,415
1986	-51,866	-4,796	1,772	-1,164	-5	-808	-56,866
1987	15,859	-2,231	8,346	396	2	-1,545	20,826
1988	1,975	2,539	2,773	4,090	7	-1,298	10,086
1989	-17,850	2,430	1,106	-2,977	-4	-1,608	-18,903
1990	-15,990	-643	-1,211	-2,157	-5	-1,833	-21,841

NA = not available.

Table 61--Returns to farm assets and equity (excluding operator households), 1970-90

Year	: Income returns :	Less returns		:	Equals	:	Less	:	Equals
	: to farm assets :	imputed to--		:	returns	:	interest on--	:	returns
	: and operators' :	-----			: to farm assets	-----	: to farm equity		
	: labor and :	Operators' :	Management :	:	from current	:	Real :	Nonreal :	from current
	: management 1/ :	labor 2/ :	3/ :	:	income	:	estate :	estate :	income
:	:	:	:	:	:	debt :	debt :	:	:
-----									
	:								
	:	Billion dollars							
	:								
1970	:	18.4	8.2	2.1	8.1	1.6	1.6		4.9
1971	:	19.1	8.1	2.2	8.8	1.7	1.7		5.5
1972	:	24.8	8.7	2.5	13.6	1.9	1.8		9.9
1973	:	42.0	9.2	3.6	29.2	2.2	2.3		24.8
1974	:	34.8	11.5	3.6	19.7	2.6	2.9		14.3
	:								
1975	:	33.3	12.2	3.8	17.3	3.0	3.1		11.2
1976	:	27.8	12.5	3.7	11.6	3.4	3.6		4.6
1977	:	28.1	13.3	3.9	10.9	3.9	4.2		2.7
1978	:	35.3	13.9	4.6	16.8	4.6	5.2		7.0
1979	:	41.4	15.3	5.3	20.8	5.7	6.9		8.2
	:								
1980	:	32.6	16.1	5.2	11.3	6.9	8.7		-4.3
1981	:	45.8	17.7	6.0	22.1	8.4	10.7		2.9
1982	:	43.9	16.8	5.8	21.3	9.6	11.3		0.3
1983	:	34.2	16.4	5.3	12.5	9.9	10.6		-8.0
1984	:	53.5	20.4	6.4	26.7	9.9	10.4		6.5
	:								
1985	:	53.3	17.4	6.2	29.7	9.1	8.7		11.9
1986	:	51.9	17.9	5.9	28.1	8.4	7.4		12.4
1987	:	60.2	18.1	6.3	35.8	7.6	6.8		21.3
1988	:	60.7	18.6	6.4	35.7	7.3	6.8		21.5
1989	:	70.5	18.9	7.1	44.5	7.3	6.9		30.3
	:								
1990	:	71.5	21.3	7.3	42.8	7.2	6.8		29.0

1/ Returns to operators plus net rent received by nonoperator landlords plus interest on real estate and nonreal estate debt. 2/ 1970-83 estimated by multiplying the Bureau of Labor Statistics' total hours of operator and unpaid family labor times the average hourly cash wage rate. 1984-90 estimated by multiplying total hours of operator and unpaid family labor, derived from ERS's Farm Costs and Returns Survey, times the average hourly cash wage rate. 3/ Estimated to equal 5 percent of the sum of cash receipts plus net inventory change plus Government payments minus livestock and feed purchases.

Table 62--Returns from current income and real capital gains, and value of farm assets and equity (excluding operator households), 1970-90

	Returns to farm assets					Returns to farm equity				
					Value of				Value of	
Year	Current	Real		farm assets 1/	Current	Real		farm equity 1/		
	income	capital	Total		income	capital	Total			
		gains				gains				
	Billion dollars									
1970	8.1	-1.7	6.4	273.0	4.9	0.4	5.3	225.4		
1971	8.8	8.3	17.1	290.1	5.5	10.5	16.0	239.1		
1972	13.6	24.0	37.6	320.6	9.9	26.0	35.9	264.7		
1973	29.2	38.7	67.9	379.0	24.8	43.5	68.3	315.8		
1974	19.7	-9.3	10.4	433.7	14.3	-3.2	11.1	361.9		
1975	17.3	35.8	53.1	479.9	11.2	40.7	51.9	399.5		
1976	11.6	53.2	64.8	550.7	4.6	57.6	62.2	460.2		
1977	10.9	22.5	33.4	621.2	2.7	28.5	31.2	517.8		
1978	16.8	60.5	77.3	709.6	7.0	69.0	76.0	590.4		
1979	20.8	40.9	61.7	832.9	8.2	53.0	61.2	693.4		
1980	11.3	-4.5	6.8	939.8	-4.3	10.1	5.8	780.6		
1981	22.1	-78.4	-56.3	982.1	2.9	-64.4	-61.5	807.5		
1982	21.3	-77.1	-55.8	963.2	0.3	-67.2	-66.9	777.6		
1983	12.5	-24.3	-11.8	944.2	-8.0	-16.9	-24.9	754.3		
1984	26.7	-116.1	-89.4	900.9	6.5	-109.1	-102.6	708.4		
1985	29.7	-100.4	-70.7	815.7	11.9	-94.4	-82.5	630.0		
1986	28.1	-56.9	-28.8	749.1	12.4	-52.7	-40.3	581.8		
1987	35.8	20.8	56.6	748.3	21.3	27.7	49.0	597.9		
1988	35.7	10.1	45.8	788.8	21.5	15.4	36.9	646.9		
1989	44.5	-18.9	25.6	812.4	30.3	-12.8	17.5	674.2		
1990	42.8	-21.8	21.0	827.2	29.0	-15.3	13.7	688.9		

1/ Asset and equity values are an average for December 31 of the current and previous years.

Table 63--Rates of return on farm assets and equity (excluding operator households), 1970-90 1/

	Rates of return on farm assets--			Rates of return on farm equity--		
Year	Current	Real		Current	Real	
	income	capital	Total	income	capital	Total
		gains			gains	
	Percent					
1970	3.0	-0.6	2.3	2.2	0.2	2.4
1971	3.0	2.9	5.9	2.3	4.4	6.7
1972	4.2	7.5	11.7	3.7	9.8	13.6
1973	7.7	10.2	17.9	7.9	13.8	21.6
1974	4.5	-2.1	2.4	4.0	-0.9	3.1
1975	3.6	7.5	11.1	2.8	10.2	13.0
1976	2.1	9.7	11.8	1.0	12.5	13.5
1977	1.8	3.6	5.4	0.5	5.5	6.0
1978	2.4	8.5	10.9	1.2	11.7	12.9
1979	2.5	4.9	7.4	1.2	7.6	8.8
1980	1.2	-0.5	0.7	-0.6	1.3	0.7
1981	2.3	-8.0	-5.7	0.4	-8.0	-7.6
1982	2.2	-8.0	-5.8	0.0	-8.6	-8.6
1983	1.3	-2.6	-1.2	-1.1	-2.2	-3.3
1984	3.0	-12.9	-9.9	0.9	-15.4	-14.5
1985	3.6	-12.3	-8.7	1.9	-15.0	-13.1
1986	3.8	-7.6	-3.8	2.1	-9.1	-6.9
1987	4.8	2.8	7.6	3.6	4.6	8.2
1988	4.5	1.3	5.8	3.3	2.4	5.7
1989	5.5	-2.3	3.2	4.5	-1.9	2.6
1990	5.2	-2.6	2.5	4.2	-2.2	2.0

1/ Rates of return are estimated using the current cost (market value) of assets and equity, not historic cost.



Table 64--Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1987

Item	: \$1,000,000 : and : over	: \$500,000 : to : \$999,999	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: Less : than : \$20,000
Million dollars							
Total:							
Farm assets	43,767	31,318	78,375	174,043	145,483	84,219	215,291
Real estate	25,963	19,316	55,836	128,815	107,913	65,903	174,886
Livestock and poultry	8,117	3,479	6,030	12,291	10,958	5,276	11,827
Machinery and motor vehicles	4,120	3,336	7,924	19,214	17,408	7,655	20,303
Crops stored 1/	1,582	1,163	3,429	5,770	3,687	1,036	1,148
Purchased inputs	626	294	499	713	407	157	273
Investments in cooperatives	3,034	3,463	4,096	5,714	3,463	3,185	2,326
Other financial	325	266	562	1,528	1,647	1,006	4,526
Debt	12,872	10,744	17,774	35,262	26,755	11,979	29,013
Real estate 2/	5,509	5,557	9,484	19,924	15,046	6,921	19,945
Nonreal estate	7,363	5,187	8,290	15,338	11,709	5,057	9,068
Equity	30,895	20,574	60,601	138,781	118,728	72,240	186,277
Percent							
Debt-to-asset ratio	29.4	34.3	22.7	20.3	18.4	14.2	13.5
Percent of total:							
Farm assets	5.7	4.1	10.1	22.5	18.8	10.9	27.9
Real estate	4.5	3.3	9.6	22.3	18.6	11.4	30.2
Livestock and poultry	14.0	6.0	10.4	21.2	18.9	9.1	20.4
Machinery and motor vehicles	5.2	4.2	9.9	24.0	21.8	9.6	25.4
Crops stored 1/	8.9	6.5	19.2	32.4	20.7	5.8	6.4
Purchased inputs	21.1	9.9	16.8	24.0	13.7	5.3	9.2
Investments in cooperatives	12.0	13.7	16.2	22.6	13.7	12.6	9.2
Other financial	3.3	2.7	5.7	15.5	16.7	10.2	45.9
Debt	8.9	7.4	12.3	24.4	18.5	8.3	20.1
Real estate 2/	6.7	6.7	11.5	24.2	18.3	8.4	24.2
Nonreal estate	11.9	8.4	13.4	24.7	18.9	8.2	14.6
Equity	4.9	3.3	9.6	22.1	18.9	11.5	29.7
Thousand dollars							
Per farm:							
Farm assets	4,269	1,663	1,319	819	460	359	158
Real estate	2,533	1,026	939	606	341	281	129
Livestock and poultry	792	185	101	58	35	22	9
Machinery and motor vehicles	402	177	133	90	55	33	15
Crops stored 1/	154	62	58	27	12	4	1
Purchased inputs	61	16	8	3	1	1	0
Investments in cooperatives	296	184	69	27	11	14	2
Other financial	32	14	9	7	5	4	3
Debt	1,256	570	299	166	85	51	21
Real estate 2/	537	295	160	94	48	30	15
Nonreal estate	718	275	139	72	37	22	7
Equity	3,014	1,092	1,020	653	375	308	137

1/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 2/ Includes CCC storage and drying facilities loans.

Table 65--Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1988

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
Million dollars							
Total:							
Farm assets	53,787	43,272	78,811	186,154	149,365	87,826	205,890
Real estate	32,523	29,675	56,689	138,782	111,323	64,798	165,632
Livestock and poultry	9,643	4,044	6,221	13,064	11,260	5,848	12,131
Machinery and motor vehicles	4,723	3,787	8,032	19,906	17,367	8,198	20,033
Crops stored 1/	3,111	2,462	3,290	7,118	4,264	1,246	1,165
Purchased inputs	665	336	555	814	485	176	292
Investments in cooperatives	2,759	2,534	3,361	4,967	3,236	6,171	2,057
Other financial	363	435	663	1,502	1,430	1,388	4,580
Debt	11,878	10,642	16,318	35,209	27,047	11,364	26,899
Real estate 2/	4,894	5,782	8,732	18,984	14,726	6,504	18,001
Nonreal estate	6,984	4,860	7,585	16,225	12,321	4,860	8,899
Equity	41,909	32,630	62,493	150,945	122,319	76,462	178,991
Percent							
Debt-to-asset ratio	22.1	24.6	20.7	18.9	18.1	12.9	13.1
Percent of total:							
Farm assets	6.7	5.4	9.8	23.1	18.6	10.9	25.6
Real estate	5.4	5.0	9.5	23.2	18.6	10.8	27.6
Livestock and poultry	15.5	6.5	10.0	21.0	18.1	9.4	19.5
Machinery and motor vehicles	5.8	4.6	9.8	24.3	21.2	10.0	24.4
Crops stored 1/	13.7	10.9	14.5	31.4	18.8	5.5	5.1
Purchased inputs	20.0	10.1	16.7	24.5	14.6	5.3	8.8
Investments in cooperatives	11.0	10.1	13.4	19.8	12.9	24.6	8.2
Other financial	3.5	4.2	6.4	14.5	13.8	13.4	44.2
Debt	8.5	7.6	11.7	25.3	19.4	8.2	19.3
Real estate 2/	6.3	7.4	11.3	24.5	19.0	8.4	23.2
Nonreal estate	11.3	7.9	12.3	26.3	20.0	7.9	14.4
Equity	6.3	4.9	9.4	22.7	18.4	11.5	26.9
Thousand dollars							
Per farm:							
Farm assets	4,630	2,048	1,324	856	479	354	155
Real estate	2,800	1,405	952	638	357	261	125
Livestock and poultry	830	191	104	60	36	24	9
Machinery and motor vehicles	407	179	135	92	56	33	15
Crops stored 1/	268	117	55	33	14	5	1
Purchased inputs	57	16	9	4	2	1	0
Investments in cooperatives	238	120	56	23	10	25	2
Other financial	31	21	11	7	5	6	3
Debt	1,023	504	274	162	87	46	20
Real estate 2/	421	274	147	87	47	26	14
Nonreal estate	601	230	127	75	39	20	7
Equity	3,608	1,544	1,050	694	392	308	135

1/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 2/ Includes CCC storage and drying facilities loans.

Table 66--Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1989

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
Million dollars							
Total:							
Farm assets	64,009	51,750	99,473	172,782	155,603	90,644	185,483
Real estate	40,421	35,477	73,121	124,762	116,499	70,274	144,565
Livestock and poultry	11,322	5,032	7,217	12,713	11,653	6,356	11,918
Machinery and motor vehicles	5,594	4,727	9,324	19,383	17,994	8,981	19,822
Crops stored 1/	2,462	2,117	4,308	6,978	4,160	1,494	1,778
Purchased inputs	504	346	465	670	392	133	212
Investments in cooperatives	3,320	3,529	4,339	6,953	3,320	1,986	2,692
Other financial	386	521	699	1,324	1,585	1,418	4,494
Debt	13,010	10,026	17,799	32,341	24,228	11,561	28,168
Real estate 2/	5,323	4,549	8,865	18,007	13,220	6,343	18,999
Nonreal estate	7,687	5,477	8,934	14,334	11,008	5,217	9,169
Equity	50,998	41,724	81,674	140,441	131,375	79,084	157,315
Percent							
Debt-to-asset ratio	20.3	19.4	17.9	18.7	15.6	12.8	15.2
Percent of total:							
Farm assets	7.8	6.3	12.1	21.1	19.0	11.1	22.6
Real estate	6.7	5.9	12.1	20.6	19.3	11.6	23.9
Livestock and poultry	17.1	7.6	10.9	19.2	17.6	9.6	18.0
Machinery and motor vehicles	6.5	5.5	10.9	22.6	21.0	10.5	23.1
Crops stored 1/	10.6	9.1	18.5	30.0	17.9	6.4	7.6
Purchased inputs	18.5	12.7	17.1	24.6	14.4	4.9	7.8
Investments in cooperatives	12.7	13.5	16.6	26.6	12.7	7.6	10.3
Other financial	3.7	5.0	6.7	12.7	15.2	13.6	43.1
Debt	9.5	7.3	13.0	23.6	17.7	8.4	20.5
Real estate 2/	7.1	6.0	11.8	23.9	17.6	8.4	25.2
Nonreal estate	12.4	8.9	14.5	23.2	17.8	8.4	14.8
Equity	7.5	6.1	12.0	20.6	19.2	11.6	23.0
Thousand dollars							
Per farm:							
Farm assets	4,779	2,015	1,478	838	494	342	145
Real estate	3,018	1,382	1,087	605	370	265	113
Livestock and poultry	845	196	107	62	37	24	9
Machinery and motor vehicles	418	184	139	94	57	34	16
Crops stored 1/	184	82	64	34	13	6	1
Purchased inputs	38	13	7	3	1	1	0
Investments in cooperatives	248	137	64	34	11	8	2
Other financial	29	20	10	6	5	5	4
Debt	971	390	265	157	77	44	22
Real estate 2/	397	177	132	87	42	24	15
Nonreal estate	574	213	133	70	35	20	7
Equity	3,808	1,625	1,214	681	417	299	123

1/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 2/ Includes CCC storage and drying facilities loans.

Table 67--Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1990

Item	: \$1,000,000 : and : over	: \$500,000 : to : \$999,999	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: Less : than : \$20,000
Million dollars							
Total:							
Farm assets	76,185	57,135	81,135	174,455	151,158	85,505	209,071
Real estate	49,616	38,547	54,788	124,935	111,486	65,825	169,162
Livestock and poultry	13,404	5,458	7,047	13,473	11,539	6,287	11,884
Machinery and motor vehicles	6,563	5,096	9,020	20,394	17,739	8,904	19,713
Crops stored 1/	2,109	2,320	3,798	7,373	3,633	1,340	1,852
Purchased inputs	446	415	509	708	415	136	213
Investments in cooperatives	3,429	4,811	5,171	5,945	4,286	1,548	2,461
Other financial	618	488	803	1,627	2,061	1,464	3,786
Debt	16,293	12,198	17,650	31,447	23,925	10,916	24,030
Real estate 2/	5,229	5,591	8,288	16,460	13,154	7,000	17,655
Nonreal estate	11,064	6,606	9,362	14,987	10,770	3,916	6,375
Equity	59,892	44,938	63,485	143,008	127,233	74,589	185,041
Percent							
Debt-to-asset ratio	21.4	21.3	21.8	18.0	15.8	12.8	11.5
Percent of total:							
Farm assets	9.1	6.8	9.7	20.9	18.1	10.2	25.0
Real estate	8.1	6.3	8.9	20.3	18.1	10.7	27.5
Livestock and poultry	19.4	7.9	10.2	19.5	16.7	9.1	17.2
Machinery and motor vehicles	7.5	5.8	10.3	23.3	20.3	10.2	22.5
Crops stored 1/	9.4	10.3	16.9	32.9	16.2	6.0	8.3
Purchased inputs	15.7	14.6	17.9	24.9	14.6	4.8	7.5
Investments in cooperatives	12.4	17.4	18.7	21.5	15.5	5.6	8.9
Other financial	5.7	4.5	7.4	15.0	19.0	13.5	34.9
Debt	11.9	8.9	12.9	23.0	17.5	8.0	17.6
Real estate 2/	7.1	7.6	11.3	22.4	17.9	9.5	24.1
Nonreal estate	17.5	10.5	14.8	23.8	17.1	6.2	10.1
Equity	8.6	6.4	9.1	20.5	18.2	10.7	26.5
Thousand dollars							
Per farm:							
Farm assets	4,915	2,092	1,264	815	494	330	167
Real estate	3,201	1,412	853	584	364	254	135
Livestock and poultry	865	200	110	63	38	24	9
Machinery and motor vehicles	423	187	140	95	58	34	16
Crops stored 1/	136	85	59	34	12	5	1
Purchased inputs	29	15	8	3	1	1	0
Investments in cooperatives	221	176	81	28	14	6	2
Other financial	40	18	13	8	7	6	3
Debt	1,051	447	275	147	78	42	19
Real estate 2/	337	205	129	77	43	27	14
Nonreal estate	714	242	146	70	35	15	5
Equity	3,864	1,646	989	668	416	288	148

1/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 2/ Includes CCC storage and drying facilities loans.



Table 68--Farm sector balance sheet (including operator households), by value of sales class, December 31, 1987

Item	: \$1,000,000 : and : over	: \$500,000 : to : \$999,999	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: Less : than : \$20,000
Million dollars							
Total:							
Farm assets	47,099	34,900	86,451	192,796	166,623	100,469	283,096
Real estate	27,003	21,076	59,275	136,333	118,551	75,741	220,636
Livestock and poultry	8,117	3,479	6,030	12,291	10,958	5,276	11,827
Machinery and motor vehicles	4,353	3,525	8,372	20,299	18,392	8,087	21,450
Crops stored 1/	1,582	1,163	3,429	5,770	3,687	1,036	1,148
Purchased inputs	626	294	499	713	407	157	273
Household goods	1,349	1,053	2,960	6,809	5,921	3,783	11,019
Investments in cooperatives	3,034	3,463	4,096	5,714	3,463	3,185	21,326
Other financial	1,036	848	1,790	4,868	5,245	3,204	14,416
Debt	13,702	11,437	18,920	37,537	28,481	12,752	30,887
Real estate 2/	5,866	5,917	10,097	21,214	16,020	7,369	21,236
Nonreal estate	7,836	5,521	8,823	16,323	12,461	5,382	9,650
Equity	33,398	23,463	67,531	155,259	138,142	87,717	252,210
Percent							
Debt-to-asset ratio	29.1	32.8	21.9	19.5	17.1	12.7	10.9
Percent of total:							
Farm assets	5.2	3.8	9.5	21.2	18.3	11.0	31.1
Real estate	4.1	3.2	9.0	20.7	18.0	11.5	33.5
Livestock and poultry	14.0	6.0	10.4	21.2	18.9	9.1	20.4
Machinery and motor vehicles	5.2	4.2	9.9	24.0	21.8	9.6	25.4
Crops stored 1/	8.9	6.5	19.2	32.4	20.7	5.8	6.4
Purchased inputs	21.1	9.9	16.8	24.0	13.7	5.3	9.2
Household goods	4.1	3.2	9.0	20.7	18.0	11.5	33.5
Investments in cooperatives	12.0	13.7	16.2	22.6	13.7	12.6	9.2
Other financial	3.3	2.7	5.7	15.5	16.7	10.2	45.9
Debt	8.9	7.4	12.3	24.4	18.5	8.3	20.1
Real estate 2/	6.7	6.7	11.5	24.2	18.3	8.4	24.2
Nonreal estate	11.9	8.4	13.4	24.7	18.9	8.2	14.6
Equity	4.4	3.1	8.9	20.5	18.2	11.6	33.3
Thousand dollars							
Per farm:							
Farm assets	4,594	1,853	1,455	908	527	428	208
Real estate	2,634	1,119	997	642	375	323	162
Livestock and poultry	792	185	101	58	35	22	9
Machinery and motor vehicles	425	187	141	96	58	34	16
Crops stored 1/	154	62	58	27	12	4	1
Purchased inputs	61	16	8	3	1	1	0
Household goods	132	56	50	32	19	16	8
Investments in cooperatives	296	184	69	27	11	14	2
Other financial	101	45	30	23	17	14	11
Debt	1,336	607	318	177	90	54	23
Real estate 2/	572	314	170	100	51	31	16
Nonreal estate	764	293	148	77	39	23	7
Equity	3,258	1,246	1,136	731	437	374	185

1/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 2/ Includes CCC storage and drying facilities loans.

Table 69--Farm sector balance sheet (including operator households), by value of sales class, December 31, 1988

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
Million dollars							
Total:							
Farm assets	57,794	47,998	87,728	206,695	171,787	106,150	278,687
Real estate	33,661	31,601	60,453	147,011	122,967	75,566	215,708
Livestock and poultry	9,643	3,982	6,221	13,064	11,322	5,848	12,131
Machinery and motor vehicles	4,990	4,001	8,486	21,031	18,349	8,662	21,165
Crops stored 1/	3,111	2,462	3,290	7,118	4,264	1,246	1,165
Purchased inputs	665	336	555	814	485	176	292
Household goods	1,812	1,701	3,254	7,914	6,620	4,068	11,612
Investments in cooperatives	2,759	2,534	3,361	4,967	3,236	6,171	2,057
Other financial	1,153	1,383	2,108	4,775	4,544	4,413	14,555
Debt	12,650	11,342	17,391	37,526	28,827	12,114	28,691
Real estate 2/	5,230	6,179	9,332	20,288	15,737	6,951	19,237
Nonreal estate	7,420	5,163	8,059	17,238	13,090	5,163	9,455
Equity	45,144	36,656	70,337	169,169	142,960	94,036	249,995
Percent							
Debt-to-asset ratio	21.9	23.6	19.8	18.2	16.8	11.4	10.3
Percent of total:							
Farm assets	6.0	5.0	9.2	21.6	18.0	11.1	29.1
Real estate	4.9	4.6	8.8	21.4	17.9	11.0	31.4
Livestock and poultry	15.5	6.4	10.0	21.0	18.2	9.4	19.5
Machinery and motor vehicles	5.8	4.6	9.8	24.3	21.2	10.0	24.4
Crops stored 1/	13.7	10.9	14.5	31.4	18.8	5.5	5.1
Purchased inputs	20.0	10.1	16.7	24.5	14.6	5.3	8.8
Household goods	4.9	4.6	8.8	21.4	17.9	11.0	31.4
Investments in cooperatives	11.0	10.1	13.4	19.8	12.9	24.6	8.2
Other financial	3.5	4.2	6.4	14.5	13.8	13.4	44.2
Debt	8.5	7.6	11.7	25.3	19.4	8.2	19.3
Real estate 2/	6.3	7.4	11.3	24.5	19.0	8.4	23.2
Nonreal estate	11.3	7.9	12.3	26.3	20.0	7.9	14.4
Equity	5.6	4.5	8.7	20.9	17.7	11.6	30.9
Thousand dollars							
Per farm:							
Farm assets	4,975	2,272	1,474	950	551	428	210
Real estate	2,898	1,496	1,015	676	394	304	163
Livestock and poultry	830	188	104	60	36	24	9
Machinery and motor vehicles	430	189	143	97	59	35	16
Crops stored 1/	268	117	55	33	14	5	1
Purchased inputs	57	16	9	4	2	1	0
Household goods	156	81	55	36	21	16	9
Investments in cooperatives	238	120	56	23	10	25	2
Other financial	99	65	35	22	15	18	11
Debt	1,089	537	292	173	92	49	22
Real estate 2/	450	292	157	93	50	28	14
Nonreal estate	639	244	135	79	42	21	7
Equity	3,886	1,735	1,181	778	458	379	188

1/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 2/ Includes CCC storage and drying facilities loans.

Table 70--Farm sector balance sheet (including operator households), by value of sales class, December 31, 1989

Item	: \$1,000,000 : and : over	: \$500,000 : to : \$999,999	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: Less : than : \$20,000
Million dollars							
Total:							
Farm assets	68,784	57,302	109,880	192,914	179,335	109,815	257,955
Real estate	41,559	37,403	76,885	132,990	128,141	81,041	194,636
Livestock and poultry	11,322	5,032	7,217	12,713	11,653	6,356	11,918
Machinery and motor vehicles	5,880	4,969	9,801	20,373	18,914	9,440	20,836
Crops stored 1/	2,462	2,117	4,308	6,978	4,160	1,494	1,778
Purchased inputs	504	346	465	670	392	133	212
Household goods	2,533	2,280	4,687	8,106	7,811	4,940	11,864
Investments in cooperatives	3,320	3,529	4,339	6,953	3,320	1,986	2,692
Other financial	1,203	1,626	2,179	4,131	4,944	4,423	14,018
Debt	13,831	10,663	18,937	34,426	25,788	12,305	30,015
Real estate 2/	5,689	4,862	9,474	19,243	14,128	6,778	20,303
Nonreal estate	8,142	5,801	9,463	15,184	11,660	5,527	9,712
Equity	54,952	46,640	90,943	158,487	153,547	97,510	227,939
Percent							
Debt-to-asset ratio	20.1	18.6	17.2	17.8	14.4	11.2	11.6
Percent of total:							
Farm assets	7.0	5.9	11.3	19.8	18.4	11.3	26.4
Real estate	6.0	5.4	11.1	19.2	18.5	11.7	28.1
Livestock and poultry	17.1	7.6	10.9	19.2	17.6	9.6	18.0
Machinery and motor vehicles	6.5	5.5	10.9	22.6	21.0	10.5	23.1
Crops stored 1/	10.6	9.1	18.5	30.0	17.9	6.4	7.6
Purchased inputs	18.5	12.7	17.1	24.6	14.4	4.9	7.8
Household goods	6.0	5.4	11.1	19.2	18.5	11.7	28.1
Investments in cooperatives	12.7	13.5	16.6	26.6	12.7	7.6	10.3
Other financial	3.7	5.0	6.7	12.7	15.2	13.6	43.1
Debt	9.5	7.3	13.0	23.6	17.7	8.4	20.6
Real estate 2/	7.1	6.0	11.8	23.9	17.6	8.4	25.2
Nonreal estate	12.4	8.9	14.5	23.2	17.8	8.4	14.8
Equity	6.6	5.6	11.0	19.1	18.5	11.7	27.5
Thousand dollars							
Per farm:							
Farm assets	5,136	2,232	1,633	936	570	415	202
Real estate	3,103	1,457	1,143	645	407	306	152
Livestock and poultry	845	196	107	62	37	24	9
Machinery and motor vehicles	439	194	146	99	60	36	16
Crops stored 1/	184	82	64	34	13	6	1
Purchased inputs	38	13	7	3	1	1	0
Household goods	189	89	70	39	25	19	9
Investments in cooperatives	248	137	64	34	11	8	2
Other financial	90	63	32	20	16	17	11
Debt	1,033	415	281	167	82	46	23
Real estate 2/	425	189	141	93	45	26	16
Nonreal estate	608	226	141	74	37	21	8
Equity	4,103	1,816	1,352	769	488	368	178

1/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 2/ Includes CCC storage and drying facilities loans.

Table 71--Farm sector balance sheet (including operator households), by value of sales class, December 31, 1990

Item	: \$1,000,000 : and : over	: \$500,000 : to : \$999,999	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: Less : than : \$20,000
Million dollars							
Total:							
Farm assets	82,105	62,546	89,878	195,463	175,160	103,312	287,694
Real estate	50,586	40,047	57,611	132,787	122,249	75,176	224,123
Livestock and poultry	13,404	5,458	7,047	13,473	11,539	6,287	11,884
Machinery and motor vehicles	6,884	5,345	9,460	21,391	18,605	9,339	20,677
Crops stored 1/	2,109	2,320	3,798	7,373	3,633	1,340	1,852
Purchased inputs	446	415	509	708	415	136	213
Household goods	3,335	2,640	3,798	8,755	8,060	4,957	14,777
Investments in cooperatives	3,429	4,811	5,171	5,945	4,286	1,548	18,461
Other financial	1,912	1,510	2,482	5,032	6,374	4,529	11,708
Debt	17,280	12,956	18,750	33,425	25,437	11,618	25,601
Real estate 2/	5,587	5,974	8,855	17,586	14,054	7,479	18,863
Nonreal estate	11,693	6,982	9,895	15,839	11,383	4,139	6,738
Equity	64,825	49,590	71,128	162,038	149,723	91,694	262,093
Percent							
Debt-to-asset ratio	21.0	20.7	20.9	17.1	14.5	11.2	8.9
Percent of total:							
Farm assets	8.2	6.3	9.0	19.6	17.6	10.4	28.9
Real estate	7.2	5.7	8.2	18.9	17.4	10.7	31.9
Livestock and poultry	19.4	7.9	10.2	19.5	16.7	9.1	17.2
Machinery and motor vehicles	7.5	5.8	10.3	23.3	20.3	10.2	22.5
Crops stored 1/	9.4	10.3	16.9	32.9	16.2	6.0	8.3
Purchased inputs	15.7	14.6	17.9	24.9	14.6	4.8	7.5
Household goods	7.2	5.7	8.2	18.9	17.4	10.7	31.9
Investments in cooperatives	12.4	17.4	18.7	21.5	15.5	5.6	8.9
Other financial	5.7	4.5	7.4	15.0	19.0	13.5	34.9
Debt	11.9	8.9	12.9	23.0	17.5	8.0	17.6
Real estate 2/	7.1	7.6	11.3	22.4	17.9	9.5	24.1
Nonreal estate	17.5	10.5	14.8	23.8	17.1	6.2	10.1
Equity	7.6	5.8	8.4	19.0	17.6	10.8	30.8
Thousand dollars							
Per farm:							
Farm assets	5,296	2,291	1,400	913	572	399	229
Real estate	3,263	1,467	897	620	399	290	179
Livestock and poultry	865	200	110	63	38	24	9
Machinery and motor vehicles	444	196	147	100	61	36	16
Crops stored 1/	136	85	59	34	12	5	1
Purchased inputs	29	15	8	3	1	1	0
Household goods	215	97	59	41	26	19	12
Investments in cooperatives	221	176	81	28	14	6	2
Other financial	123	55	39	24	21	17	9
Debt	1,115	474	292	156	83	45	20
Real estate 2/	360	219	138	82	46	29	15
Nonreal estate	754	256	154	74	37	16	5
Equity	4,182	1,816	1,108	757	489	354	209

1/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 2/ Includes CCC storage and drying facilities loans.



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